ELFE User documentation: Creation of variables including SAS code

http://util_elfe.site.ined.fr

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Maternity, 2 Months and 1 Year

Content

1. Pregnancy and birth characteristics

CAESAREAN

Variable created by Marieke Heers, 9th June 2015
SAS Code created by Khaled Ben Jemaa, January 13th 2017

Variable name

cesarean

Description

The variable indicates if the child was born by a Cesarean.

Wave

Maternity

Variable values

0 – No

1 – Yes

Required input variables

M00X_TYPACC

SAS code

```
proc format library=Library.formats;
value cesarean
0 = "no"
1 = "yes";
run;

data data;
set data;
if m00x_typacc=3 then cesarean=1;
if m00x_typacc in (1,2) then cesarean=0;
label cesarean ="birth cesarean";
format cesarean cesarean.;
run;

proc freq data=data;
table cesarean;
run;
```

birth cesarean

cesarean	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
No	14410	81.24	14410	81.24
Yes	3328	18.76	17738	100.00

Fréquence manquante = 591

Citing

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FATHER PRESENT AT BIRTH

Variable created by Marieke Heers, 3rd July 2015
SAS Code created by Khaled Ben Jemaa, January 13th 2017

Variable name

father_present_birth

Description

The variable indicates if the father was present at the birth.

Wave

Maternity

Variable values

0 – No
1 – Yes

Required input variables

M00M2_PEREACC

SAS-code

```
proc format library=Library.formats;
value father_present_birth
0="no"
1="yes";
run;

data data;
set data;
if m00m2_pereacc=1 then father_present_birth=1;
if m00m2_pereacc=0 then father_present_birth=0;
label father_present_birth = "father present at birth";
format father_present_birth father_present_birth.;
run;
```

father present at birth

father_present_birth	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
no	3235	18.06	3235	18.06
yes	14676	81.94	17911	100.00

Fréquence manquante = 418

Citing

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SEX OF CHILD ELFE

Variable created by Barbara Castillo, 23th May 2016
SAS Code created by Khaled Ben Jemaa, January 13th 2017

Variable name

child_sex

Description

The variable indicates if the sex of the child

Wave

Maternity

Variable values

0 – Female
1 – Male

Required input variables

m00x_sexec2

SAS-code

```
proc format library=Library.formats;
value child_sex
1="Male"
0="Female";
run;

data data;
set data;
if m00x_sexec2=2 then child_sex=0;
if m00x_sexec2=1 then child_sex=1;
if m00x_sexec2=9 then child_sex=.;
label child_sex="Sex of Elfe Child";
format child_sex child_sex.;
run;

proc freq data=data;
table child_sex;
run;
```

Sex of Elfe Child

child_sex	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
Female	8779	48.61	8779	48.61
Male	9281	51.39	18060	100.00

Fréquence manquante = 269

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2. Family situation

RANK OF CHILD ELFE

Variable created by Marieke Heers and Barbara Castillo, 20th November 2015
SAS Code created by Khaled Ben Jemaa, January 13th 2017

Variable name
rank_elfe

Description
The variable indicates the rank of the child ELFE, defined as the number of children the mother had taking into account the child ELFE.

Wave
Maternity

Variable values
Continuous

Required input variables
M00M2_GANT M00M2_ENFGANT M00M2_NBGANT

SAS-code

```
data data;
set data;
rank_elfe=.;
if m00m2_gant=0 then rank_elfe=1;  /*never pregnant before -> first baby*/
if m00m2_enfgant=0 then rank_elfe = 1; /*pregnant but abortion or
misscarriage -> first baby*/
if rank_elfe = . then rank_elfe = (1 + m00m2_nbgant); /*elfe baby + number
of previous children*/
label rank_elfe = "rank of child elfe";
run;

proc freq data=data;
table rank_elfe;
run;
```

rank of child elfe

rank_elfe	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
1	8250	45.94	8250	45.94
2	6247	34.78	14497	80.72
3	2388	13.30	16885	94.01
4	738	4.11	17623	98.12
5	196	1.09	17819	99.21
6	88	0.49	17907	99.70
7	36	0.20	17943	99.91
8	7	0.04	17950	99.94
9	2	0.01	17952	99.96
10	3	0.02	17955	99.97
11	1	0.01	17956	99.98
12	3	0.02	17959	99.99
16	1	0.01	17960	100.00

Fréquence manquante = 369

Citing

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FAMILY STRUCTURE (BIRTH)

Variable created by Lidia Panico, 3rd July 2015
SAS Code created by Khaled Ben Jemaa, January 13th 2017

Variable name

Familyb

Description

The variable indicates the household structure at birth.

Wave

Maternity

Variable values

1 – married couple
2 – pacse couple
3 – free couple
4 – lone mother

Required input variables

M00M2_ETATMAT M00M2_COUPLE

SAS-code

```
proc format
library=Library.formats;
value familyb
1="married couple"
2="pacse couple"
3="free couple"
4="lone mother";
run;

data data;
set data;
familyb=.;
if m00m2_etatmat=1 and m00m2_couple=1 then familyb=1 ;
if m00m2_etatmat=2 and m00m2_couple=1 then familyb=2 ;
if m00m2_etatmat=3 and m00m2_couple=1 then familyb=3 ;
if m00m2_etatmat=4 and m00m2_couple=1 then familyb=3 ;
if m00m2_etatmat=5 and m00m2_couple=1 then familyb=3 ;
if m00m2_couple=0 then familyb=4;
label familyb = "family structure, birth";
format familyb familyb.;
run;

proc freq data=data;
table familyb;
run;
```

family structure, birth

familyb	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
married couple	8107	45.75	8107	45.75
pacse couple	2593	14.63	10700	60.38
free couple	6029	34.02	16729	94.40
lone mother	992	5.60	17721	100.00

Fréquence manquante = 608

Citing

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FAMILY STRUCTURE (2 MONTHS)

Variable created by Lidia Panico and Barbara Castillo, 23th November 2015
SAS Code created by Khaled Ben Jemaa, January 30th 2017

Variable name

Family2m

Description

The variable indicates the family structure at 2 months

Wave

2 months

Variable values

1 – married couple
2 – pacse couple
3 – free couple
4 – Lone mother

Required input variables

M02M_LIENTYP_4 M02M_LIENTYP_5 M02M_LIENTYP_6 M02M_COUPLE1 M02M_ETAMATRI M02P_LIENTYP_3 M02P_LIENTYP_4 M02P_LIENTYP_5 M02P_LIENTYP_6 M02P_LIENTYP_7 M02P_LIENTYP_8 M02P_LIENTYP_9 M02P_LIENTYP_10 M02P_COUPLE_4 M02P_ETAMATRI_4

SAS-code

```
proc format
library=Library.formats;
value family2m
1="married couple"
2="pacse couple"
3="free couple"
4="lone mother";
run;

data data;
set data;
inhhld = .;

%macro test;
      %do i = 4 %to 6 ;
            if  m02m_lientyp_&i=1 | m02m_lientyp_&i=7 then inhhld=1;
      %end;
%mend;
%test; /*There is a father or a coahbitant in the household*/

if inhhld=. and m02m_lientyp_3^=. then inhhld=0  ; /*There is no
coahbitant*/
if inhhld=0 then family2m=4;
if inhhld=1 & m02m_etamatri in(3,4,5) & family2m=. then family2m = 3;
/*free couple. there is a cohabitant, they live in couple but they are not
pacses or married*/
```

```
if inhhld=1 & m02m_etamatri in(2) & family2m=. then family2m = 2; /*pacse
couple. there is a cohabitant and they are pacses*/
if inhhld=1 & m02m_etamatri in(1) & family2m=. then family2m = 1; /*married
couple. there is a cohabitant and they are married*/
inhhldp = .;

%macro test2;
      %do i = 3 %to 10 ;
            if  m02p_lientyp_&i=2 then inhhldp=1;
      %end;
%mend;
%test2;

if m02p_lientyp_4=1 & inhhldp=1 & m02p_etamatri_4 in (3,4,5) & family2m=.
then family2m = 3; /*free couple. there is the mother, they live in couple
but they are not pacses or married*/
if m02p_lientyp_4=1 & inhhldp=1 & m02p_etamatri_4 in (2) & family2m=. then
family2m = 2; /*pacse couple. there is the mother and they are pacses*/
if m02p_lientyp_4=1 & inhhldp=1 & m02p_etamatri_4 in (1) & family2m=. then
family2m = 1; /*married couple. there is the mother and they are married*/
label family2m = "family structure, birth, 2 months";
format family2m family2m.;
run;

proc freq data=data;
table family2m;
run;
```

family structure, birth, 2 months

family2m	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
married couple	7530	46.61	7530	46.61
pacse couple	2246	13.90	9776	60.51
free couple	5584	34.56	15360	95.07
lone mother	796	4.93	16156	100.00

Fréquence manquante = 2173

Citing

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FAMILY STRUCTURE (1 YEAR)

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, January 30th 2017

Variable name

Family1y

Description

The variable indicates the family structure at 1 year

Wave

1 year

Variable values

1 – married couple
2 – pacse couple
3 – free couple
4 – Lone mother

Required input variables

m02m_lientyp_4 m02m_lientyp_5 m02m_lientyp_6 m02m_couple1 m02m_etamatri m02p_lientyp_3 m02p_lientyp_4 m02p_lientyp_5 m02p_lientyp_6 m02p_lientyp_7 m02p_lientyp_8 m02p_lientyp_9 m02p_lientyp_10 m02p_couple_4 m02p_etamatri_4 a01m_lientyp_4 a01m_lientyp_5 a01m_lientyp_6 a01m_lientyp_7 a01m_lientyp_8 a01m_lientyp_9 a01m_lientyp_10 a01m_couple2 a01m_etamatri a01m_couple1 a01m_matricoupm a01m_matricouphm

SAS-code

```
*family2m needed :
data data;
set data;
inhhld = .;

%macro test;
      %do i = 4 %to 6 ;
            if  m02m_lientyp_&i=1 | m02m_lientyp_&i=7 then inhhld=1;
      %end;
%mend;
%test; /*There is a father or a coahbitant in the household*/

if inhhld=. and m02m_lientyp_3^=. then inhhld=0  ; /*There is no
coahbitant*/
if inhhld=0 then family2m=4;
if inhhld=1 & m02m_etamatri in(3,4,5) & family2m=. then family2m = 3;
/*free couple. there is a cohabitant, they live in couple but they are not
pacses or married*/
if inhhld=1 & m02m_etamatri in(2) & family2m=. then family2m = 2; /*pacse
couple. there is a cohabitant and they are pacses*/
if inhhld=1 & m02m_etamatri in(1) & family2m=. then family2m = 1; /*married
couple. there is a cohabitant and they are married*/
inhhldp = .;

%macro test2;
```

```
      %do i = 3 %to 10 ;
            if  m02p_lientyp_&i=2 then inhhldp=1;
      %end;
%mend;
%test2;

if m02p_lientyp_4=1 & inhhldp=1 & m02p_etamatri_4 in (3,4,5) & family2m=.
then family2m = 3; /*free couple. there is the mother, they live in couple
but they are not pacses or married*/
if m02p_lientyp_4=1 & inhhldp=1 & m02p_etamatri_4 in (2) & family2m=. then
family2m = 2; /*pacse couple. there is the mother and they are pacses*/
if m02p_lientyp_4=1 & inhhldp=1 & m02p_etamatri_4 in (1) & family2m=. then
family2m = 1; /*married couple. there is the mother and they are married*/
label family2m = "family structure, birth, 2 months";
format family2m family2m.;
run;

*Family1y
proc format
library=Library.formats;
value family1y
1="married couple"
2="pacse couple"
3="free couple"
4="lone mother";
run;

data data;
set data;
inhhld1 = .;
%macro test3;
      %do i = 4 %to 10 ;
            if  a01m_lientyp_&i=1 | a01m_lientyp_&i=7 then inhhld1=1;
      %end;
%mend;
%test3;/*There is a father or a cohabitant in the household*/

if inhhld1=. and a01m_lientyp_3^=. then inhhld1=0  ; /*there is no
cohabitant*/
if inhhld1=0 then family1y =4 ; /*lone mother if there is no cohabitant*/
if inhhld1=1 & a01m_couple2=2 & a01m_etamatri=1 & family1y=. then family1y
= 1; /* not in couple but marital status married*/
if inhhld1=1 & a01m_couple2=2 & a01m_etamatri=2 & family1y=. then family1y
= 2;  /* not in couple but marital status pacse*/
if inhhld1=1 & a01m_couple2=2 & a01m_etamatri in(3,4,5) & family1y=. then
family1y = 3; /*not in couple but marital status free couple*/
if inhhld1=1 & a01m_couple1=1 & a01m_matricoupm=1 & family1y=. then
family1y = family2m; /*in couple and same situation as 2 months*/
if inhhld1=1 & a01m_couple2=1 & a01m_matricouphm=2 & family1y=. then
family1y = 3; /*in couple but not married or pacses, free couple*/
if inhhld1=1 & a01m_couple1=1 & a01m_matricoupm=2 & a01m_etamatri=1 &
family1y=. then family1y = 1; /*in couple and married*/
if inhhld1=1 & a01m_couple1=1 & a01m_matricoupm=2 & a01m_etamatri=2 &
family1y=. then family1y = 2; /*in couple and pacses*/
if inhhld1=1 & a01m_couple1=1 & a01m_matricoupm=2 & a01m_etamatri in
(3,4,5) & family1y=. then family1y = 3; /*free couple*/
if inhhld1=1 & a01m_couple2=1 & a01m_matricouphm=1 & a01m_etamatri=1 &
family1y=. then family1y = 1; /*in couple and married*/
if inhhld1=1 & a01m_couple2=1 & a01m_matricouphm=1 & a01m_etamatri=2 &
family1y=. then family1y = 2; /*in couple and pacse*/
```

```
label family1y = "Family structure, 1 year";
format family1y family1y.;
run;

proc freq data=data;
table family1y;
run;
```

Family structure, 1 year				
family1y	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
married couple	6586	46.91	6586	46.91
pacse couple	2081	14.82	8667	61.74
free couple	4868	34.67	13535	96.41
lone mother	504	3.59	14039	100.00
Fréquence manquante = 4290				

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NOT IN COUPLE BUT LIVING TOGETHER, 2 months

Variable created by Barbara Castillo, 11th January 2016
SAS Code created by Khaled Ben Jemaa, January 30th 2017

Variable name

nclt

Description

The variable indicates if they are not in couple but living together in the same household.

Wave

2 months

Variable values

0 – No
1 – Yes

Required input variables

m02m_lientyp_4 m02m_lientyp_5 m02m_lientyp_6 m02m_lientyp_3 m02m_couple1

SAS-code

```
proc format
library=Library.formats;
value nclt
1="Yes"
0="No";
run;

data data;
set data;

%macro test;
      %do i = 4 %to 6 ;
            if  m02m_lientyp_&i=1 | m02m_lientyp_&i=7 then inhhld=1;
      %end;
%mend;
%test; /*There is a father or a coahbitant in the household*/

if inhhld=. and m02m_lientyp_3^=. then inhhld=0  ; /*There is no
coahbitant*/
if inhhld=1 & m02m_couple1=2 then nclt = 1;  /*no couple, living together.
there is a cohabitant but they are not in couple*/
if nclt=. & inhhld^=. then nclt = 0 ;
label nclt = "Not in couple but living together, 2 months";
format nclt nclt.;
run;

proc freq data=data;
table nclt;
run;
```

Not in couple but living together, 2 months				
nclt	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
No	16383	99.83	16383	99.83
Yes	28	0.17	16411	100.00
Fréquence manquante = 1918				

Citing

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NOT IN COUPLE BUT LIVING TOGETHER, 1 year

Variable created by Barbara Castillo, 11th January 2016
SAS Code created by Khaled Ben Jemaa, January 30th 2017

Variable name

Nclt_1y

Description

The variable indicates if they are not in couple but living together in the same household.

Wave

1 year

Variable values

0 – No
1 – Yes

Required input variables

a01m_lientyp_4 a01m_lientyp_5 a01m_lientyp_6 a01m_lientyp_7 a01m_lientyp_8 a01m_lientyp_9 a01m_lientyp_10 a01m_lientyp_ 3 a01m_couple1 a01m_couple2

SAS-code

```
proc format
library=Library.formats;
value nclt_1y
1="Yes"
0="No";
run;

data data;
set data;
inhhld1 = .;

%macro test3;
      %do i = 4 %to 10 ;
            if  a01m_lientyp_&i=1 | a01m_lientyp_&i=7 then inhhld1=1;
      %end;
%mend;
%test3;/*There is a father or a cohabitant in the household*/

if inhhld1=. and a01m_lientyp_3^=. then inhhld1=0  ; /*there is no
cohabitant*/

if inhhld1=1 & a01m_couple1=2 then nclt_1y = 1;  /*not in couple but living
together*/;
if inhhld1=1 & a01m_couple2=2 then nclt_1y = 1;  /*not in couple but living
together*/;
if nclt_1y=. & inhhld1^=. then nclt_1y = 0;
label nclt_1y = "Not in couple but living together, 1 year";
format nclt_1y nclt_1y.;
run;

proc freq data=data;
```

```
table nclt_1y;
run;
```

Not in couple but living together, 1 year				
nclt_1y	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
No	14354	98.54	14354	98.54
Yes	213	1.46	14567	100.00
Fréquence manquante = 3762				

Citing

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FATHER RECOGNIZED THE CHILD

Variable created by Marieke Heers and Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, January 30th 2017

Variable name

father_recogn_child

Description

The variable indicates if the father has recognized the child.

Wave

1 year

Variable values

0 – No
1 – Yes

Required input variables

M00M2_ETATMAT M00M2_COUPLE M00M2_RECONU M02M_RECON

SAS-code

```
proc format
library=Library.formats;
value father_recogn_child;
1="Yes"
0="No";
run;

data data;
set data;
father_recogn_child=.;
if m00m2_etatmat=1 & m00m2_couple=1 then father_recogn_child = 1 ;
if m00m2_reconu=1 & father_recogn_child=. then father_recogn_child = 1 ;
if m02m_recon=1 & father_recogn_child=. then father_recogn_child = 1 ;
if a01m_recon=1 & father_recogn_child=. then father_recogn_child = 1 ;
if m00m2_reconu=0 & father_recogn_child=. then father_recogn_child = 0;
if m02m_recon=2 & father_recogn_child=. then father_recogn_child = 0 ;
if a01m_recon=2 & father_recogn_child=. then father_recogn_child = 0 ;
format father_recogn_child father_recogn_child.;
label father_recogn_child = "father has recognized the child";
run;

proc freq data=data;
table father_recogn_child;
run;
```

father has recognized the child

father_recogn_child	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
0	639	3.63	639	3.63
1	16983	96.37	17622	100.00

Fréquence manquante = 707

Citing

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PERSON LIVING WITH THE CHILD, 2 months

Variable created by Barbara Castillo, 25th November 2015
SAS Code created by Khaled Ben Jemaa, January 30th 2017

Variable name

Child_hhld

Description

The variable indicates the persons who are living with the child in the household, independently of the marital status. To clarify:

Both natural father and mother → the child lives with his/her biological parents regardless the relationship between them. They can live together but they do not live in couple with each other.

Mother (father) → the child lives with his/her mother (father), and the biological father (mother) is not with them in the household. They can simply live in different households due to a break in the couple; or they are in couple but he lives abroad due to working reasons.

Wave

2 months

Variable values

1 – both natural father and mother
2 – mother
3 – father
4 – shared custody
5 – foster parents
6 – at the hospital

Required input variables

M02M_EFVIT M02X_TYPQMERE2M M02P_TYPQPECF2M M02M_LIENTYP_4

SAS-code

```
proc format
library=Library.formats;
value child_hhld
1="both father and mother"
2="mother"
3="father"
4="rotating custody"
5="foster parents"
6="at the hospital";
run;

data data;
set data;
if m02m_efvit=1 then child_hhld=1;
if m02m_efvit=2 then child_hhld=2;
if m02m_efvit=3 then child_hhld=3;
if m02m_efvit=4 then child_hhld=4;
```

```
if m02m_efvit=5 then child_hhld=5;
if m02m_efvit in (6,7) then child_hhld=6 ;

if m02x_typqmere2m=3 & child_hhld=. then child_hhld=6;
if m02x_typqmere2m=4 & child_hhld=. then child_hhld=5;

if m02x_typqpecf2m=3 & child_hhld=. then child_hhld=3;
if m02x_typqpecf2m=5 & child_hhld=. then child_hhld=6;
if m02x_typqpecf2m=6 & child_hhld=. then child_hhld=5;
if m02x_typqpecf2m=7 & child_hhld=. then child_hhld=2;
if m02x_typqpecf2m=8 & child_hhld=. then child_hhld=6;
if m02x_typqpecf2m=9 & child_hhld=. then child_hhld=5;

if m02m_lientyp_4=1 & child_hhld=. then child_hhld=1;
if m02m_lientyp_4^= 1 & child_hhld=. then child_hhld=2;

format child_hhld child_hhld.;
label child_hhld="person living with the child, 2 months";
run;

proc freq data=data;
table child_hhld;
run;
```

person living with the child, 2 months

child_hhld	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
both father and mother	15682	85.56	15682	85.56
mother	2608	14.23	18290	99.79
father	10	0.05	18300	99.84
rotating custody	19	0.10	18319	99.95
foster parents	4	0.02	18323	99.97
at the hospital	6	0.03	18329	100.00

Citing

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PERSON LIVING WITH THE CHILD, 1 year

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, January 30th 2017

Variable name

Child_hhld1y

Description

The variable indicates the persons who are living with the child in the household, independently of the marital status. To clarify:

Both natural father and mother → the child lives with his/her biological parents regardless the relationship between them. They can live together but they do not live in couple with each other.

Mother (father) → the child lives with his/her mother (father), and the biological father (mother) is not with them in the household. They can simply live in different households due to a break in the couple; or they are in couple but he lives abroad due to working reasons.

Wave

1 year

Variable values

1 – both natural father and mother
2 – mother
3 – father
4 – rotating custody
5 – foster parents

Required input variables

a01m_efvit a01 a01m_lientyp_3 m_lientyp_4 a01m_lientyp_5 a01m_lientyp_6 a01m_lientyp_7 a01m_lientyp_8 a01m_lientyp_9 a01m_lientyp_10

SAS-code

```
proc format
library=Library.formats;
value child_hhld1y
1="both father and mother"
2="mother"
3="father"
4="rotating custody"
5="foster parents";
run;

data data;
set data;
if a01m_efvit=1 then child_hhld1y = 1;
if a01m_efvit=2 & child_hhld1y=. then child_hhld1y=2;
if a01m_efvit=3 & child_hhld1y=. then child_hhld1y=3;
if a01m_efvit=4 & child_hhld1y=. then child_hhld1y=4;
if a01m_efvit=5 & child_hhld1y=. then child_hhld1y=5;
```

```
%macro test1;
      %do i = 4 %to 10 ;
            if a01m_lientyp_&i=1 & child_hhld1y=. then child_hhld1y=1;
      %end;
%mend;
%test1;

%macro test2;
      %do i = 4 %to 10 ;
          if a01m_lientyp_&i^=1 & a01m_lientyp_3=2 & child_hhld1y=. then
child_hhld1y=2;
      %end;
%mend;
%test2;

format child_hhld1y child_hhld1y.;
label child_hhld1y = "person living with the child, 1 year";
run;

proc freq data=data;
table child_hhld1y;
run;
```

person living with the child, 1 year

child_hhld1y	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
both father and mother	13953	95.27	13953	95.27
mother	646	4.41	14599	99.68
father	4	0.03	14603	99.71
rotating custody	37	0.25	14640	99.96
foster parents	6	0.04	14646	100.00

Fréquence manquante = 3683

Citing

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AT LEAST ONE GRANDPARENT IN THE HOUSEHOLD, 2 months

Variable created by Barbara Castillo, 29th Febrary 2016
SAS Code created by Khaled Ben Jemaa, January 30th 2017

Variable name

grandpar_2m

Description

The variable indicates if there is at least one grandparent (maternal or paternal) in the household.

Wave

2 months

Variable values

0 – No
1 - Yes

Required input variables

m02m_lientyp_4 to 11 m02p_lientyp_4 to 11 m02m_gdpardom m02p_gdpardom m02m_mendomgp m02p_mendomgp m02m_gpmaterd m02p_gppaterd

SAS-code

```
proc format
library=Library.formats;
value grandpar_2m
1="Yes"
0="No";
run;

data data;
set data;
grandpar_2m = .;

%macro test1;
      %do i = 4 %to 11 ;
            if m02m_lientyp_&i=8 | m02m_lientyp_&i=9 then grandpar_2m=1 ;
        if m02p_lientyp_&i in (8,9) & m02m_lientyp_4=1 then grandpar_2m=1;

      %end;
%mend;
%test1;

if m02m_gdpardom=1 then grandpar_2m=1;
if m02p_gdpardom=1 & m02m_lientyp_4=1 then grandpar_2m=1;
if m02m_mendomgp=1 then grandpar_2m=1;
if m02p_mendomgp=1 & m02m_lientyp_4=1 then grandpar_2m=1;
if m02m_gpmaterd^=0 & m02m_gpmaterd ^=. then grandpar_2m=1;
if m02p_gppaterd^=0 & m02p_gppaterd ^=. & m02m_lientyp_4=1 then grandpar_2m
= 1;

%macro test2;
      %do i = 4 %to 11 ;
```

```
            if m02m_lientyp_&i ^=8 & m02m_lientyp_&i ^=9 & m02m_lientyp_3
^=. & grandpar_2m=. then grandpar_2m=0;
        if m02p_lientyp_&i ^=8 & m02p_lientyp_&i ^=9 & m02m_lientyp_4 =1 &
grandpar_2m=. then grandpar_2m=0;
      %end;
%mend;
%test2;

if m02m_gpmaterd=0 & grandpar_2m=. then grandpar_2m=0;
if m02p_gppaterd=0 & m02m_lientyp_4=1 & grandpar_2m=. then grandpar_2m=0 ;

format grandpar_2m grandpar_2m.;
label grandpar_2m = "Having at least one grandparent in the household, 2
months";
run;

proc freq data=data;
table grandpar_2m;
run;
```

Having at least one grandparent in the household, 2 months

grandpar_2m	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
No	16027	97.66	16027	97.66
Yes	384	2.34	16411	100.00

Fréquence manquante = 1918

Citing

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AT LEAST ONE GRANDPARENT IN THE HOUSEHOLD, 1 year

Variable created by Barbara Castillo, 29th Febrary 2016
SAS Code created by Khaled Ben Jemaa, January 30th 2017

Variable name

grandpar_1y

Description

The variable indicates if there is at least one grandparent (maternal or paternal) in the household.

Wave

1 year

Variable values

0 – No
1 - Yes

Required input variables

child_hhld1y a01m_lientyp_4 to 10 a01p_lientyp_4 to 10

SAS-code

*you need the variable child_hhld1y

```
proc format
library=Library.formats;
value grandpar_1y
1="Yes"
0="No";
run;

data data;
set data;
grandpar_1y = .;
%macro test1;
      %do i = 4 %to 10 ;
            if a01m_lientyp_&i=8 | a01m_lientyp_&i=9 then grandpar_1y=1;
        if a01p_lientyp_&i in(8,9) & child_hhld1y in(1,3,4) then
grandpar_1y = 1;
      %end;
%mend;
%test1;

%macro test2;
      %do i = 4 %to 10 ;
            if a01m_lientyp_&i not in(8,9) & a01m_lientyp_3^= . &
grandpar_1y=. then grandpar_1y = 0;
        if a01p_lientyp_&i not in(8,9) & child_hhld1y in (1,3,4) &
grandpar_1y=. then grandpar_1y = 0;
      %end;
%mend;
%test2;
```

```
format grandpar_1y grandpar_1y.;
label grandpar_1y = "Having at least one grandparent in the household, 1
year";
run;

proc freq data=data;
table grandpar_1y;
run;
```

Having at least one grandparent in the household, 1 year

grandpar_1y	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
No	14285	97.60	14285	97.60
Yes	352	2.40	14637	100.00

Fréquence manquante = 3692

Citing

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SAME SEX COUPLE, 2 months

Variable created by Barbara Castillo, 29th Febrary 2016
SAS Code created by Khaled Ben Jemaa, January 30th 2017

Variable name

samesex_2m

Description

The variable indicates if the household couple is a same sex couple.

Wave

2 months

Variable values

0 – No
1 - Yes

Required input variables

m02m_sexec1_4 to 6 m02m_lientyp_4 to 6 m02x_typqmere2m m02p_sexec1_4 to 7 m02p_lientyp_4 to 7 m02x_typqpecf2m

SAS-code

```
proc format
library=Library.formats;
value samesex_2m
1="Yes"
0="No";
run;

data data;
set data;
samesex_2m = .;
%macro test1; /*referent mother with a female partner*/
      %do i = 4 %to 6 ;
            if m02m_sexec1_&i=2 & m02m_lientyp_&i=7 & m02x_typqmere2m
in(1,2,3) then samesex_2m = 1;
      %end;
%mend;
%test1;

%macro test2; /*referent father with a male partner*/
      %do i = 4 %to 7 ;
            if m02p_sexec1_&i=1 & m02p_lientyp_&i=7 & m02x_typqpecf2m
in(1,2) then samesex_2m = 1;
      %end;
%mend;
%test2;

if m02m_lientyp_3=2 & m02x_typqmere2m in(1,2,3) & samesex_2m=.  then
samesex_2m = 0; /*referent mother who answered*/
if m02p_lientyp_4=1 & m02x_typqpecf2m in(1,2) & samesex_2m=. then
samesex_2m = 0;  /*referent father who answered*/
label samesex_2m = "Same sex couple in the household, 2 months";
```

```
format samesex_2m samesex_2m.;
run;

proc freq data=data;
table samesex_2m;
run;
```

Same sex couple in the household, 2 months

samesex_2m	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
No	16519	99.83	16519	99.83
Yes	28	0.17	16547	100.00

Fréquence manquante = 1782

Citing

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SAME SEX COUPLE, 1 year

Variable created by Barbara Castillo, 29th Febrary 2016
SAS Code created by Khaled Ben Jemaa, January 30th 2017

Variable name

samesex_1y

Description

The variable indicates if the household couple is a same sex couple.

Wave

1 year

Variable values

0 – No
1 - Yes

Required input variables

a01m_sexe_4 to 10 a01m_lientyp_3 to 10 a01x_typqmere1a a01p_sexe_4 to 8 a01p_lientyp_4 to 10 a01x_typqpecf1a

SAS-code

```
proc format
library=Library.formats;
value samesex_1y
1="Yes"
0="No";
run;

data data;
set data;
samesex_1y =.;
%macro test1; /*referent mother with a female partner*/
      %do i = 4 %to 10 ;
            if a01m_sexe_&i=2 & a01m_lientyp_&i=7 & a01x_typqmere1a in
(1,2,3) then samesex_1y=1;
      %end;
%mend;
%test1;

%macro test2;
      %do i = 4 %to 8 ;
            if a01p_sexe_&i=1 & a01p_lientyp_&i=7 & a01x_typqpecf1a in
(1,2) then samesex_1y = 1;
      %end;
%mend;
%test2;

if a01m_lientyp_3=2 & a01x_typqmere1a in(1,2,3) & samesex_1y=.  then
samesex_1y = 0;

%macro test3;
      %do i = 4 %to 10 ;
```

```
            if a01p_lientyp_&i=1 & a01x_typqpecf1a in(1,2) & samesex_1y=.
then samesex_1y = 0;
      %end;
%mend;
%test3;

label samesex_1y = "Same sex couple in the household, 1 year";
format samesex_1y samesex_1y.;
run;

proc freq data=data;
table samesex_1y;
run;
```

Same sex couple in the household, 1 year

samesex_1y	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
No	14642	99.81	14642	99.81
Yes	28	0.19	14670	100.00

Fréquence manquante = 3659

Citing

Please refer to this website for referencing when using this code: In the reference list:

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LIVING APART TOGETHER (LAT), 2 months

Variable created by Barbara Castillo, 29th Febrary 2016
SAS Code created by Khaled Ben Jemaa, January 30th 2017

Variable name

lat_2m

Description

The variable indicates if the household couple is living apart together.

Wave

2 months

Variable values

0 – No
1 - Yes

Required input variables

child_hhld m02m_lientyp_3 to 6 m02m_typolog_3 to 6 m02m_lientyp_4 m02m_typolog_4 m02m_couple2 m02m_situafamm m02p_lientyp_4 to 7 m02p_typolog_4 to 7 m02p_situafamp

SAS-code

```
proc format
library=Library.formats;
value lat_2m
1="Yes"
0="No";
run;

data data;
set data;
lat_2m = .;
if m02m_lientyp_3=2 & m02m_typolog_3 in(2,3,4,5) & child_hhld in(1,5) then
lat_2m = 1; /*Parents in the same household, mother not permanently*/
if m02m_lientyp_3=2 & m02m_jouran_3 ne . & m02m_jouran_3<270 & child_hhld
in(1,5) then lat_2m = 1; /*Parents in the same household, mother less than
270 days per year in hhld*/
if m02m_lientyp_3=2 & m02m_joursem_3 ne . & m02m_joursem_3<5 & child_hhld
in(1,5) then lat_2m = 1; /*Parents in the same household, mother less than
5 days per week in hhld*/
if m02m_lientyp_3=2 & m02m_moisan_3 ne . & m02m_moisan_3<10 & child_hhld
in(1,5) then lat_2m = 1; /*Parents in the same household, mother less than
10 months per year in hhld*/

%macro test;
      %do i=3 %to 6;
      if m02p_lientyp_&i=2 & m02p_typolog_&i in(2,3,4,5) & child_hhld in
(1,5) then lat_2m = 1; /*Parents in the same household, mother not
permanently*/
      if m02p_lientyp_&i=2 & m02p_jouran_&i ne . & m02p_jouran_&i<270 &
child_hhld in(1,5) then lat_2m = 1; /*Parents in the same household, mother
less than 270 days per year in hhld*/
```

```
      if m02p_lientyp_&i=2 & m02p_joursem_&i ne . & m02p_joursem_&i<5 &
child_hhld in(1,5) then lat_2m = 1; /*Parents in the same household, mother
less than 5 days per week in hhld*/
      if m02p_lientyp_&i=2 & m02p_moisan_&i ne . & m02p_moisan_&i<10 &
child_hhld in(1,5) then lat_2m = 1; /*Parents in the same household, mother
less than 10 months per year in hhld*/
      %end;
%mend;
%test;


if m02m_lientyp_4=1 & m02m_typolog_4 in(2,3,4,5) & child_hhld in(1,5) then
lat_2m = 1; /*Parents in the same household, father not permanently*/
if m02m_lientyp_4=1 & m02m_jouran_4 ne . & m02m_jouran_4<270 & child_hhld
in(1,5) then lat_2m = 1 ; /*Parents in the same household, father less than
270 days per year in hhld*/
if m02m_lientyp_4=1 & m02m_joursem_4 ne .& m02m_joursem_4<5 & child_hhld
in(1,5) then lat_2m = 1; /*Parents in the same household, father less than
5 days per week in hhld*/
if m02m_lientyp_4=1 & m02m_moisan_4 ne . & m02m_moisan_4<10 & child_hhld
in(1,5) then lat_2m = 1; /*Parents in the same household, father less than
10 months per year in hhld*/


if m02p_lientyp_4=1 & m02p_typolog_4 in(2,3,4,5) & child_hhld in (1,5) then
lat_2m = 1; /*Parents in the same household, father not permanently*/
if m02p_lientyp_4=1 & m02p_jouran_4 ne . & m02p_jouran_4<270 & child_hhld
in (1,5) then lat_2m = 1; /*Parents in the same household, father less than
270 days per year in hhld*/
if m02p_lientyp_4=1 & m02p_joursem_4 ne . & m02p_joursem_4<5 & child_hhld
in(1,5) then lat_2m = 1; /*Parents in the same household, father less than
5 days per week in hhld*/
if m02p_lientyp_4=1 & m02p_moisan_4 ne . & m02p_moisan_4<10 & child_hhld
in(1,5) then lat_2m = 1;/*Parents in the same household, father less than
10 months per year in hhld*/

%macro test2;
      %do i=4 %to 7;
      if m02m_lientyp_3=2 & m02m_typolog_3 in(2,3,4,5) & m02m_lientyp_&i=7
& child_hhld in(2,4) then lat_2m = 1; /*Child with mother, partner in hhld,
she not permanently*/
      if m02m_lientyp_3=2 & m02m_jouran_3 ne . & m02m_jouran_3<270 &
m02m_lientyp_&i=7 & child_hhld in(2,4) then lat_2m = 1; /*Child with
mother, partner in hhld, mother less than 270 days per year in hhld*/
      if m02m_lientyp_3=2 & m02m_joursem_3 ne . & m02m_joursem_3<5 &
m02m_lientyp_&i=7 & child_hhld in(2,4) then lat_2m = 1; /*Child with
mother, partner in hhld, mother less than 5 days per week in hhld*/
      if m02m_lientyp_3=2 & m02m_moisan_3 ne . & m02m_moisan_3<10 &
m02m_lientyp_&i=7 & child_hhld in(2,4) then lat_2m = 1; /*Child with
mother, partner in hhld, mother less than 10 months per year in hhld*/
      %end;
%mend;
%test2;

%macro test3;
      %do i=4 %to 6;
      if m02m_lientyp_&i=7 & m02m_typolog_&i in(2,3,4,5) & child_hhld
in(2,4) then lat_2m = 1; /*Child with mother, partner not permanently*/
      if m02m_jouran_&i ne . & m02m_jouran_&i<270 & m02m_lientyp_&i=7 &
child_hhld in(2,4) then lat_2m = 1; /*Child with mother, partner less than
270 days per year in hhld*/
```

```
      if m02m_joursem_&i ne . & m02m_joursem_&i<5 & m02m_lientyp_&i=7 &
child_hhld in(2,4) then lat_2m = 1; /*Child with mother, partner less than
5 days per week in hhld*/
      if m02m_moisan_&i ne . & m02m_moisan_&i<10 & m02m_lientyp_&i=7 &
child_hhld in(2,4) then lat_2m = 1; /*Child with mother, partner less than
10 months per year in hhld*/
      %end;
%mend;
%test3;

if m02m_couple2=1 & child_hhld in(2,4,5) then lat_2m = 1; /*there is not
partner in hhld, but there is a relationship out of hhld*/
if m02m_situafamm in(2,4,5,6) & child_hhld in(1,2,4,5) then lat_2m = 1 ;

%macro test4;
      %do i=4 %to 7;
      if m02p_lientyp_4=1 & m02p_typolog_4 in(2,3,4,5) & m02p_lientyp_&i=7
& child_hhld in(3) then lat_2m = 1; /*child with father, partner in hhld,
father not permanently*/
      if m02p_lientyp_4=1 & m02p_jouran_4 ne . & m02p_jouran_4<270 &
m02p_lientyp_&i=7 & child_hhld in(3) then lat_2m = 1;  /*child with father,
partner in hhld, father less than 270 days per year in hhld*/
      if m02p_lientyp_4=1 & m02p_joursem_4 ne . & m02p_joursem_4<5 &
m02p_lientyp_&i=7 & child_hhld in(3) then lat_2m = 1; /*child with father,
partner in hhld, father less than 5 days per week in hhld*/
      if m02p_lientyp_4=1 & m02p_moisan_4 ne . & m02p_moisan_4<10 &
m02p_lientyp_&i=7 & child_hhld in(3) then lat_2m = 1; /*child with father,
partner in hhld, father less than 10 months per year in hhld*/
      %end;
%mend;
%test4;

%macro test5;
      %do i=4 %to 6;
      if m02p_lientyp_&i=7 & m02p_typolog_&i in(2,3,4,5) & child_hhld in(3)
then lat_2m = 1; /*child with father, partner in hhld but not permanently*/
      if m02p_jouran_&i ne . & m02p_jouran_&i<270 & m02p_lientyp_&i=7 &
child_hhld in(3)then lat_2m = 1; /*child with father, partner less than 270
days per year in hhld*/
      if m02p_joursem_&i ne . & m02p_joursem_&i<5 & m02p_lientyp_&i=7 &
child_hhld in(3) then lat_2m = 1; /*child with father, partner less than 5
days per week in hhld*/
      if m02p_moisan_&i ne . & m02p_moisan_&i<10 & m02p_lientyp_&i=7 &
child_hhld in(3) then lat_2m = 1; /*child with father, partner less than 10
months per year in hhld*/
      %end;
%mend;
%test5;

if m02p_situafamp in(2,4,5,6) & child_hhld in(1,3,5) then lat_2m = 1;
if m02p_situafamp in(2,4,5,6) & child_hhld=3 then lat_2m = 1 ;
if m02m_lientyp_3=2 & lat_2m=. then lat_2m = 0;
if m02p_lientyp_4=1 & lat_2m=. then lat_2m = 0;

label lat_2m = "Couple Living Apart Together in hhld, 2 months";
format lat_2m lat_2m.;
run;

proc freq data= data;
table lat_2m;
run;
```

Couple Living Apart Together in hhld, 2 months				
lat_2m	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No	16218	98.01	16218	98.01
Yes	329	1.99	16547	100.00
Frequency Missing = 1782				

Citing

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LIVING APART TOGETHER (LAT), 1 year

Variable created by Barbara Castillo, 29th Febrary 2016
SAS Code created by Khaled Ben Jemaa, January 30th 2017

Variable name

lat_1y

Description

The variable indicates if the household couple is living apart together.

Wave

1 year

Variable values

0 – No
1 - Yes

Required input variables

child_hhld1y a01m_lientyp_3 to 10 a01m_typolog_3 to 10 a01m_couple2 a01m_situafamm a01p_lientyp_4 to 10 a01p_typolog_4 to 10 a01p_situafamp

SAS-code

```
proc format
library=Library.formats;
value lat_1y
1="Yes"
0="No";
run;

data data;
set data;
lat_1y = .;
if a01m_lientyp_3=2 & a01m_typolog_3 in(2,3,4,5) & child_hhld1y in(1,5)
then lat_1y = 1; /*Parents in the same household, mother not permanently*/
if a01m_lientyp_3=2 & a01m_jouran_3<270 & child_hhld1y in (1,5) then lat_1y
= 1; /*Parents in the same household, mother less than 270 days per year in
hhld*/
if a01m_lientyp_3=2 & a01m_joursem_3<5 & child_hhld1y in (1,5) then lat_1y
= 1; /*Parents in the same household, mother less than 5 days per week in
hhld*/
if a01m_lientyp_3=2 & a01m_moisan_3<10 & child_hhld1y in (1,5) then lat_1y
= 1; /*Parents in the same household, mother less than 10 months per year
in hhld*/

%macro test1;
      %do i=3 %to 10;
      if a01p_lientyp_&i=2 & a01p_typolog_&i in(2,3,4,5) & child_hhld1y
in(1,5) then lat_1y = 1; /*Parents in the same household, mother not
permanently*/
```

```
      if a01p_lientyp_&i=2 & a01p_jouran_&i<270 & child_hhld1y in(1,5) then
lat_1y = 1; /*Parents in the same household, mother less than 270 days per
year in hhld*/
      if a01p_lientyp_&i=2 & a01p_joursem_&i<5 & child_hhld1y in(1,5) then
lat_1y = 1; /*Parents in the same household, mother less than 5 days per
week in hhld*/
      if a01p_lientyp_&i=2 & a01p_moisan_&i<10 & child_hhld1y in (1,5) then
lat_1y = 1; /*Parents in the same household, mother less than 10 months per
year in hhld*/
      %end;
%mend;
%test1;

%macro test2;
      %do i=4 %to 10;
      if a01m_lientyp_&i=1 & a01m_typolog_&i in(2,3,4,5) & child_hhld1y
in(1,5) then lat_1y = 1; /*Parents in the same household, father not
permanently*/
      if a01m_lientyp_&i=1 & a01m_jouran_&i<270 & child_hhld1y in(1,5) then
lat_1y = 1; /*Parents in the same household, father less than 270 days per
year in hhld*/
      if a01m_lientyp_&i=1 & a01m_joursem_&i<5 & child_hhld1y in(1,5) then
lat_1y = 1; /*Parents in the same household, father less than 5 days per
week in hhld*/
      if a01m_lientyp_&i=1 & a01m_moisan_&i<10 & child_hhld1y in(1,5) then
lat_1y = 1; /*Parents in the same household, father less than 10 months per
year in hhld*/
      %end;
%mend;
%test2;

%macro test3;
      %do i=4 %to 10;
      if a01p_lientyp_&i=1 & a01p_typolog_&i in(2,3,4,5) & child_hhld1y
in(1,5) then lat_1y = 1; /*Parents in the same household, father not
permanently*/
      if a01p_lientyp_&i=1 & a01p_jouran_&i<270 & child_hhld1y in(1,5) then
lat_1y = 1; /*Parents in the same household, father less than 270 days per
year in hhld*/
      if a01p_lientyp_&i=1 & a01p_joursem_&i<5 & child_hhld1y in (1,5) then
lat_1y = 1; /*Parents in the same household, father less than 5 days per
week in hhld*/
      if a01p_lientyp_&i=1 & a01p_moisan_&i<10 & child_hhld1y in (1,5) then
lat_1y = 1; /*Parents in the same household, father less than 10 months per
year in hhld*/
      %end;
%mend;
%test3;

%macro test4;
      %do i=4 %to 10;
    if a01m_lientyp_3=2 & a01m_typolog_3 in (2,3,4,5) & a01m_lientyp_&i=7 &
child_hhld1y in(2,4) then lat_1y = 1 ; /*Child with mother, partner in
hhld, she not permanently*/
      if a01m_lientyp_3=2 & a01m_jouran_3<270 & a01m_lientyp_&i=7 &
child_hhld1y in (2,4) then lat_1y = 1; /*child with mother, partner in
hhld, she less than 270 days per year in hhld*/
      if a01m_lientyp_3=2 & a01m_joursem_3<5 & a01m_lientyp_&i=7 &
child_hhld1y in (2,4) then lat_1y = 1; /*child with mother, partner in
hhld, she less than 5 days per week in hhld*/
```

```
      if a01m_lientyp_3=2 & a01m_moisan_3<10 & a01m_lientyp_&i=7 &
child_hhld1y in (2,4) then lat_1y = 1; /*child with mother, partner in
hhld, she less than 10 months per year in hhld*/
      %end;
%mend;
%test4

%macro test5;
      %do i=4 %to 10;
      if a01m_lientyp_&i=7 & a01m_typolog_&i in (2,3,4,5) & child_hhld1y in
(2,4) then lat_1y = 1; /*Child with mother, partner not permanently*/
      if a01m_lientyp_&i=7 & a01m_jouran_&i<270 & child_hhld1y in (2,4)
then lat_1y = 1;  /*child with mother, partner less than 270 days per year
in hhld*/
      if a01m_lientyp_&i=7 & a01m_joursem_&i<5 & child_hhld1y in (2,4) then
lat_1y = 1; /*child with mother, partner less than 5 days per week in
hhld*/
      if a01m_lientyp_&i=7 & a01m_moisan_&i<10 & child_hhld1y in (2,4) then
lat_1y = 1; /*child with mother, partner less than 10 months per year in
hhld*/
      %end;
%mend;
%test5;

if a01m_couple2=1 & child_hhld1y in (2,4,5) then lat_1y = 1; /*there is not
partner in hhld, but there is a relationship out of hhld*/
if a01m_situafamm in (2,4,5,6) & child_hhld1y in (1,2,4,5) then lat_1y = 1;

%macro test6;
      %do i=4 %to 10;
      if a01p_lientyp_&i=1 & a01p_typolog_&i in(2,3,4,5) & a01p_couple1=1 &
child_hhld1y in (3) then lat_1y = 1; /*child with father, partner in hhld,
father not permanently*/
      if a01p_lientyp_&i=1 & a01p_jouran_&i<270 & a01p_couple1=1 &
child_hhld1y in (3) then lat_1y = 1; /*child with father, partner in hhld,
he less than 270 days per year in hhld*/
      if a01p_lientyp_&i=1 & a01p_joursem_&i<5 & a01p_couple1=1 &
child_hhld1y =3 then lat_1y = 1; /*child with father, partner in hhld, he
less than 5 days per week in hhld*/
      if a01p_lientyp_&i=1 & a01p_moisan_&i<10 & a01p_couple1=1 &
child_hhld1y =3 then lat_1y = 1; /*child with father, partner in hhld, he
less than 10 months per year in hhld*/
      %end;
%mend;
%test6;

%macro test7;
      %do i=4 %to 8;
      if a01p_lientyp_&i=7 & a01p_typolog_&i in(2,3,4,5) & child_hhld1y =3
then lat_1y = 1; /*child with father, partner in hhld but not permanently*/
      if a01p_lientyp_&i=7 & a01p_jouran_&i<270 & child_hhld1y =3 then
lat_1y = 1; /*child with father, partner less than 270 days per year in
hhld*/
      if a01p_lientyp_&i=7 & a01p_joursem_&i<5 & child_hhld1y=3 then lat_1y
= 1; /*child with father, partner less than 5 days per week in hhld*/
      if a01p_lientyp_&i=7 & a01p_moisan_&i<10 & child_hhld1y=3 then lat_1y
= 1; /*child with father, partner less than 10 months per year in hhld*/
      %end;
%mend;
%test7;
```

```
if a01p_couple2=1 & child_hhld1y=3 then lat_1y = 1;  /*child with
father,there is not partner in hhld, but there is a relationship out of
hhld*/
if a01p_situafamp in (2,4,5,6) & child_hhld1y in (1,3,5) then lat_1y = 1;
if a01p_situafamp in(2,4,5,6) & child_hhld1y=3 then lat_1y = 1;

if a01m_lientyp_3=2 & lat_1y=. then lat_1y = 0;
if a01p_lientyp_4=1 & lat_1y=. then lat_1y = 0;
label lat_1y = "Couple Living Apart Together in hhld, 1 year";
format lat_1y lat_1y.;
run;

proc freq data=data;
table lat_1y;
run;
```

Citing

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NUMBER OF SIBLINGS IN THE HOUSEHOLD, 2 months

Variable created by Barbara Castillo, 29th Febrary 2016
SAS Code created by Khaled Ben Jemaa, January 30th 2017

Variable name

sib_2m

Description

The variable indicates the number of siblings in the household.

Wave

2 months

Variable values

Continous

Required input variables

m02m_lientyp_3-12 m02p_lientyp_3-12 months2

SAS-code

```
data data;
set data;
%macro test;
      %do i=3 %to 12;
      enf_2m_&i = .;
      if m02m_lientyp_&i in (3,4,5,6) then enf_2m_&i = 1;
      if m02m_lientyp_&i^=. & enf_2m_&i=. then enf_2m_&i=0;
      if m02p_lientyp_&i in(3,4,5,6) & child_hhld=3 then enf_2m_&i = 1;
      if m02p_lientyp_&i^=. & enf_2m_&i=. & child_hhld=3 then enf_2m_&i =0;
      %end;
%mend;
%test;

sib_2m = sum (of enf_2m_4-enf_2m_12);
if months2=0 then sib_2m = .;
label sib_2m = "Number of siblings, 2 months";
run;

proc freq data=data;
table sib_2m;
run;
```

Number of siblings, 2 months				
sib_2m	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	6999	43.44	6999	43.44
1	5990	37.18	12989	80.62
2	2285	14.18	15274	94.80
3	601	3.73	15875	98.54
4	160	0.99	16035	99.53
5	60	0.37	16095	99.90
6	12	0.07	16107	99.98
7	1	0.01	16108	99.98
8	3	0.02	16111	100.00
Frequency Missing = 2218				

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NUMBER OF SIBLINGS IN THE HOUSEHOLD, 1 year

Variable created by Barbara Castillo, 29th Febrary 2016
SAS Code created by Khaled Ben Jemaa, January 30th 2017

Variable name

sib_1y

Description

The variable indicates the number of siblings in the household.

Wave

1 year

Variable values

Continous

Required input variables

A01m_lientyp_3-10 a01p_lientyp_3-10 year1

SAS-code

```
data data;
set data;
%macro test;
      %do i=3 %to 10;
      enf_1y_&i= .;
      if a01m_lientyp_&i in(3,4,5,6) then enf_1y_&i = 1;
      if a01m_lientyp_&i^=. & enf_1y_&i =. then enf_1y_&i = 0 ;
      if a01p_lientyp_&i in(3,4,5,6) & child_hhld1y=3 then  enf_1y_&i = 1;
      if a01p_lientyp_&i^=. & enf_1y_&i=. & child_hhld1y=3 then enf_1y_&i =
0 ;
      %end;
%mend;
%test;
sib_1y = sum (of enf_1y_4 - enf_1y_10) ;
if year1=0 then sib_1y = . ;
label sib_1y="Number of siblings, 1 year";
run;

proc freq data= data;
table sib_1y;
run;
```

Number of siblings, 1 year				
sib_1y	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0	6164	42.84	6164	42.84
1	5435	37.77	11599	80.62
2	2051	14.25	13650	94.87
3	534	3.71	14184	98.58
4	141	0.98	14325	99.56
5	46	0.32	14371	99.88
6	16	0.11	14387	99.99
7	1	0.01	14388	100.00
Frequency Missing = 3941				

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3. Socio-economic characteristics

3.1. Age

CHILD'S AGE AT 1 YEAR (DAYS//MONTHS)

Variable created by Barbara Castillo, 27th June 2016

SAS Code created by Khaled Ben Jemaa, February 20th 2017

Variable name

Age_1y

Description

The variable indicates the child's age at the moment of the 1 year questionnaire

Wave

1 year

Variable values

Continuous

Required input variables

m00m1_vague a01m_datintm a01m_datinta a01m_vague

SAS-code

```
/** Child age at 1 year survey (in days)*/

/* Set birth date -> day, month, year*/
data data;
set data;

if m00m1_vague=1 then day = 2 ;
if m00m1_vague in (2,3,4) then day = 1 ;
if m00m1_vague=1 then month = 4;
if m00m1_vague=2 then month = 7 ;
if m00m1_vague=3 then month = 10 ;
if m00m1_vague=4 then month = 12 ;
if m00m1_vague ^=. then year = 2011 ;

/* Set 1 year questionnaire date -> day, month, year*/

month_1y = a01m_datintm;
year_1y = a01m_datinta;
if month_1y=5 & a01m_vague=1 then day_1y = 21 ;
if month_1y=6 & a01m_vague=1 then day_1y = 15 ;
if month_1y=7 & a01m_vague=1 then day_1y = 15 ;
if month_1y=6 & a01m_vague=2 then day_1y = 29 ;
if month_1y=7 & a01m_vague=2 then day_1y = 15 ;
if month_1y=8 & a01m_vague=2 then day_1y = 15 ;
if month_1y=9 & a01m_vague=2 then day_1y = 14 ;
if month_1y=9 & a01m_vague=3 then day_1y = 29 ;
if month_1y=10 & a01m_vague=3 then day_1y = 15 ;
if month_1y=11 & a01m_vague=3 then day_1y = 15 ;
if month_1y=12 & a01m_vague=3 then day_1y = 10 ;
```

```
if month_1y=11 & a01m_vague=4 then day_1y = 29 ;
if month_1y=12 & a01m_vague=4 then day_1y = 15 ;
if month_1y=1 & a01m_vague=4 then day_1y = 15;
if month_1y=2 & a01m_vague=4 then day_1y = 14 ;
if month_1y=3 & a01m_vague=4 then day_1y = 1 ;

date = mdy(month, day, year);
date_1y = mdy(month_1y, day_1y, year_1y);
age_1y = date_1y - date;
agemois_1y = age_1y/30;
label agemois_1y = "Child's age at questionnaire, 1 year";
run;

proc freq data=data;
table agemois_1y;
run;
```

Child's age at questionnaire, 1 year

agemois_1y	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
12.133333333	423	2.36	423	2.36
12.666666667	7948	44.30	8371	46.65
13.7	3771	21.02	12142	67.67
13.833333333	1142	6.36	13284	74.03
14.533333333	588	3.28	13872	77.31
14.666666667	1082	6.03	14954	83.34
14.7	2489	13.87	17443	97.21
15.2	1	0.01	17444	97.22
15.666666667	499	2.78	17943	100.00

Fréquence manquante = 386

Citing

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MOTHER'S AGE, 2 months

Variable created by Barbara Castillo, 1th March 2016
SAS Code created by Khaled Ben Jemaa, February 20th 2017

Variable name

m_age_2m

Description

The variable indicates the mother's age

Wave

2 months

Variable values

Continuous

Required input variables

m02m_age_3 m02m_anais_3 m00m2_agem

SAS-code

```
proc format
library=Library.formats;
value m_ageg_2m
1=">=25"
2="26-30"
3="31-35"
4="36-40"
5=">40";
run;

data data;
set data;
m_age_2m = m00m2_agem + 0.166;
if m_age_2m=. then m_age_2m = m02m_age_3;
if m_age_2m=. then m_age_2m = 2011 - m02m_anais_3;
%macro test;
      %do i=3 %to i=10;
      if m02p_lientyp_&i=2 & m_age_2m=. then m_age_2m = m02p_age_&i ;
      %end;
%mend;
%test;

%macro test2;
      %do i=3 %to i=10;
      if m02p_lientyp_&i=2 & m_age_2m=. then m_age_2m = 2011 -
m02p_anais_&i ;
      %end;
%mend;
%test2;
```

```
if m_age_2m^=. then m_age_2m = round(m_age_2m,1);
if m_age_2m<18 & m_age_2m^=. then m_age_2m = . ;
label m_age_2m = "Mother's age, 2 months";
run;


data data;
set data;
if m_age_2m<26 & m_age_2m^=. then m_ageg_2m = 1 ;
if m_age_2m>25.9 & m_age_2m<31 then m_ageg_2m = 2 ;
if m_age_2m>30.9 & m_age_2m<36 then m_ageg_2m = 3 ;
if m_age_2m>35.9 & m_age_2m<41 then m_ageg_2m = 4 ;
if m_age_2m>40.9 & m_age_2m^=. then m_ageg_2m = 5 ;
label m_ageg_2m = "Mother's age by group, 2 months";
format m_ageg_2m m_ageg_2m.;
run;

proc freq data=data;
table m_ageg_2m;
run;
```

Mother's age by group, 2 months

m_ageg_2m	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
>=25	2728	14.97	2728	14.97
26-30	6106	33.51	8834	48.49
31-35	6070	33.32	14904	81.80
36-40	2746	15.07	17650	96.88
>40	569	3.12	18219	100.00

Fréquence manquante = 110

Citing

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MOTHER'S AGE, 1 year

Variable created by Barbara Castillo, 1th March 2016
SAS Code created by Khaled Ben Jemaa, February 20th 2017

Variable name

m_age_1y

Description

The variable indicates the mother's age

Wave

1 year

Variable values

Continuous

Required input variables

m_age_2m a01m_age_3 a01m_anais_3

SAS-code

```
proc format
library=Library.formats;
value m_ageg_1y
1=">=25"
2="26-30"
3="31-35"
4="36-40"
5=">40";
run;

data data;
set data;
m_age_1y = a01m_age_3;
if m_age_1y=. then m_age_1y = m_age_2m - 0.166 + (agemois_1y/12)  ;
if m_age_1y=. & a01m_datinta=2012 then m_age_1y = 2012 - a01m_anais_3 ;
/*some questionnaires were done in early 2013*/
if m_age_1y=. & a01m_datinta=2013 then m_age_1y = 2013 - a01m_anais_3;

%macro test;
      %do i=3 %to 10;
      if a01p_lientyp_&i=2 & m_age_1y=. then m_age_1y = a01p_age_&i ;
      %end;
%mend;

%macro test2;
      %do i=3 %to 10;
       if a01p_lientyp_&i=2 & m_age_1y=. & a01m_datinta=2012 then m_age_1y
= 2012 - a01p_anais_&i;
       if a01p_lientyp_&i=2 & m_age_1y=. & a01m_datinta=2013 then m_age_1y
= 2013 - a01p_anais_&i;
      %end;
%mend;
```

```
if m_age_1y=. then m_age_1y = m_age_2m + 1;   /*we do not know agemois_1y
for some*/
if m_age_1y ^=. then m_age_1y = round(m_age_1y,1);
if m_age_1y<18 & m_age_1y^=. then m_age_1y = . ;
label m_age_1y = "Mother's age, 1 year";
run;

data data;
set data;
if m_age_1y<26 & m_age_1y^=. then m_ageg_1y = 1 ;
if m_age_1y>25.9 & m_age_1y<31 then m_ageg_1y = 2 ;
if m_age_1y>30.9 & m_age_1y<36 then m_ageg_1y = 3 ;
if m_age_1y>35.9 & m_age_1y<41 then m_ageg_1y = 4 ;
if m_age_1y>40.9 & m_age_1y^=. then m_ageg_1y = 5 ;
label m_ageg_1y = "Mother's age by group, 1 year";
format m_ageg_1y m_ageg_1y.;
run;

proc freq data=data;
table  m_ageg_1y;
run;
```

Mother's age by group, 1 year

m_ageg_1y	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
>=25	2249	12.34	2249	12.34
26-30	5815	31.90	8064	44.24
31-35	6346	34.82	14410	79.06
36-40	3074	16.87	17484	95.93
>40	742	4.07	18226	100.00

Fréquence manquante = 103

Citing

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FATHER'S AGE, 2 months

Variable created by Barbara Castillo, 1th March 2016
SAS Code created by Khaled Ben Jemaa, February 20th 2017

Variable name

f_age_2m

Description

The variable indicates the father's age

Wave

2 months

Variable values

Continuous

Required input variables

m02p_age_4 m02p_lientyp_4 m02p_anais_4 m00m2_agep m02m_age_4 m02m_lientyp_4 m02m_anais_4

SAS-code

```
proc format
library=Library.formats;
value f_ageg_2m
1=">=25"
2="26-30"
3="31-35"
4="36-40"
5=">40";
run;

data data;
set data;
f_age_2m = m00m2_agep + 0.166;
if m02p_lientyp_4=1 & f_age_2m=. then f_age_2m = m02p_age_4 ;
if m02p_lientyp_4=1 & f_age_2m=. then f_age_2m = 2011 - m02p_anais_4 ;
if m02m_lientyp_4=1 & f_age_2m=. then f_age_2m = m02m_age_4 ;
if m02m_lientyp_4=1 & f_age_2m=. then f_age_2m = 2011 - m02m_anais_4;
if f_age_2m^=. then f_age_2m = round(f_age_2m,1);
if f_age_2m<14 & f_age_2m^=. then f_age_2m = . ;
label f_age_2m = "Father's age, 2 months";

if f_age_2m<26 & f_age_2m^=. then f_ageg_2m = 1 ;
if f_age_2m>25.9 & f_age_2m<31 then f_ageg_2m = 2;
if f_age_2m>30.9 & f_age_2m<36 then f_ageg_2m = 3;
if f_age_2m>35.9 & f_age_2m<41 then f_ageg_2m = 4;
if f_age_2m>40.9 & f_age_2m^=. then f_ageg_2m = 5;
label f_ageg_2m = "Father's age by group, 2 months";
format f_ageg_2m f_ageg_2m.;
run;

proc freq data=data;
```

```
table f_ageg_2m;
run;
```

Father's age by group, 2 months

f_ageg_2m	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
>=25	1386	7.81	1386	7.81
26-30	4516	25.45	5902	33.27
31-35	5950	33.54	11852	66.80
36-40	3732	21.03	15584	87.84
>40	2158	12.16	17742	100.00

Fréquence manquante = 587

Citing

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FATHER'S AGE, 1 year

Variable created by Barbara Castillo, 1th March 2016
SAS Code created by Khaled Ben Jemaa, February 20th 2017

Variable name

f_age_1y

Description

The variable indicates the father's age

Wave

1 year

Variable values

Continuous

Required input variables

f_age_2m a01p_age_4 to 10 a01p_lientyp_4 to 10 a01p_anais_4 to 10 a01m_age_4 to 10 a01m_lientyp_4 to 10 a01m_anais_4 to 10

SAS-code

```
proc format
library=Library.formats;
value f_ageg_1y
1=">=25"
2="26-30"
3="31-35"
4="36-40"
5=">40";
run;

data data;
set data;
f_age_1y = .;
%macro test;
      %do i=4 %to 10;
      if a01p_lientyp_&i=1 then f_age_1y = a01p_age_&i;
      if f_age_1y=. & a01p_lientyp_&i=1 & a01m_datinta=2012 then f_age_1y =
2012 - a01p_anais_&i;
      if f_age_1y=. & a01p_lientyp_&i=1 & a01m_datinta=2013 then f_age_1y =
2013 - a01p_anais_&i;
      if f_age_1y=. then f_age_1y = f_age_2m - 0.166 + (agemois_1y/12);

      if a01m_lientyp_&i=1 & f_age_1y=. then f_age_1y = a01m_age_&i ;
      if f_age_1y=. & a01m_lientyp_&i=1 & a01m_datinta=2012 then f_age_1y =
2012 - a01m_anais_&i;
      if f_age_1y=. & a01m_lientyp_&i=1 & a01m_datinta=2013 then f_age_1y =
2013 - a01m_anais_&i;
      if f_age_1y=. then f_age_1y = f_age_2m + 1 ;
      %end;
%mend;
%test;
```

```
if f_age_1y^=. then f_age_1y = round(f_age_1y,1);
if f_age_1y<14 & f_age_1y^=. then f_age_1y = . ;
label f_age_1y = "Father's age, 1 year";

if f_age_1y<26 & f_age_1y^=. then f_ageg_1y = 1 ;
if f_age_1y>25.9 & f_age_1y<31 then f_ageg_1y = 2 ;
if f_age_1y>30.9 & f_age_1y<36 then f_ageg_1y = 3 ;
if f_age_1y>35.9 & f_age_1y<41 then f_ageg_1y = 4 ;
if f_age_1y>40.9 & f_age_1y^=. then f_ageg_1y = 5 ;
label f_ageg_1y = "Fother's age by group, 1 year";
format f_ageg_1y f_ageg_1y.;
run;

proc freq data=data;
table f_ageg_1y;
run;
```

Fother's age by group, 1 year

f_ageg_1y	Frequency	Percent	Cumulative Frequency	Cumulative Percent
>=25	1004	5.65	1004	5.65
26-30	4084	22.98	5088	28.63
31-35	6170	34.72	11258	63.35
36-40	4022	22.63	15280	85.98
>40	2492	14.02	17772	100.00

Frequency Missing = 557

Citing

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AGE DIFFERENCE BETWEEN FATHER AND MOTHER

Variable created by Barbara Castillo, 27th June 2016
SAS Code created by Khaled Ben Jemaa, February 20th 2017

Variable name

agedif

Description

The variable indicates the age difference between father and mother

Wave

2 months

Variable values

Continuous

Required input variables

F_age_2m m_age_2m

SAS-code

```
data data;
set data;
agedif = f_age_2m - m_age_2m;
label agedif="Age difference between mother and father (f-m)";
run;

proc means data= data;
var agedif;
run;
```

Variable d'analyse : agedif Age difference between mother and father (f-m)				
N	Moyenne	Ecart-type	Minimum	Maximum
17740	2.6719278	4.7628738	-17.0000000	44.0000000

Citing

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3.2. Parental education

MOTHER'S EDUCATIONAL ATTAINMENT (ISCED)

Variable created by Marieke Heers and Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, February 20th 2017

Variable name

meduc

Description

The variable indicates the mother's highest educational attainment. When the individual declared two different education levels in 2 months and 1 year, we keep the highest declared diploma.

Wave

1 year

Variable values

0 – None
1 – Primary
2 – Lower secondary
3 – Upper secondary
4 – Intermediate
5 – Higher

Required input variables

m02m_diplome_3 m02p_diplome_3 m02p_diplome_4 m02p_diplome_5 m02p_diplome_6 m02p_diplome_7 m02p_diplome_8 m02p_diplome_9 m02p_diplome_10 m02p_lientyp_3 m02p_lientyp_4 m02p_lientyp_5 m02p_lientyp_6 m02p_lientyp_7 m02p_lientyp_8 m02p_lientyp_9 m02p_lientyp_10 a01m_diplome_3 a01p_diplome_3 a01p_diplome_4 a01p_diplome_5 a01p_diplome_6 a01p_diplome_7 a01p_diplome_8 a01p_diplome_9 a01p_diplome_10 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01p_lientyp_10

Comments

This variable is created according to the International Standard Classification of Education, ISCED. Category 'intermediate' (=4 refers to Bac+2).

http://www.uis.unesco.org/Education/Pages/international-standard-classification-of-education.aspx

SAS-code

```
proc format
Library=Library.formats;
Value meduc
0="none"
1="primary"
```

```
2="lower secondary"
3="upper secondary"
4="intermediate"
5="higher";
run;

data data;
set data;
meduc = .;
if m02m_diplome_3=1 then meduc=0;
if m02m_diplome_3=2 then meduc=1;
if m02m_diplome_3=3 then meduc=2 ;
if m02m_diplome_3 in( 4, 5, 6) then meduc=3 ;
if m02m_diplome_3 in(7) then meduc=4 ;
if m02m_diplome_3 in(8) then meduc=5 ;

if a01m_diplome_3=1 & meduc=. then meduc=0 ;
if a01m_diplome_3=2 & meduc in(0,.) then meduc=1 ;
if a01m_diplome_3=3 & meduc in(.,0,1) then meduc=2 ;
if a01m_diplome_3 in(4, 5, 6) & meduc in(.,0,1,2) then  meduc=3 ;
if a01m_diplome_3 in(7) & meduc in(.,0,1,2,3) then meduc=4 ;
if a01m_diplome_3 in(8) & meduc in (.,0,1,2,3,4) then meduc=5 ;

%macro test;
      %do i=3 %to 10;
      if m02p_diplome_&i=1 & meduc=. & m02p_lientyp_&i=2 then meduc=0 ;
      if m02p_diplome_&i=2 & meduc=. & m02p_lientyp_&i=2 then meduc=1 ;
      if m02p_diplome_&i=3 & meduc=. & m02p_lientyp_&i=2 then meduc=2 ;
      if m02p_diplome_&i in(4,5,6) & meduc=. & m02p_lientyp_&i=2 then
meduc=3 ;
    if m02p_diplome_&i in(7) & meduc=. & m02p_lientyp_&i=2 then meduc=4;
    if m02p_diplome_&i in(8) & meduc=. & m02p_lientyp_&i=2 then meduc=5 ;
      %end;
%mend;
%test;

%macro test2;
      %do i=3 %to 10;
      if a01p_diplome_&i=1 & meduc=. & a01p_lientyp_&i=2 then meduc=0 ;
      if a01p_diplome_&i=2 & meduc in (0,.) & a01p_lientyp_&i=2 then
meduc=1;
      if a01p_diplome_&i=3 & meduc in (.,0,1) & a01p_lientyp_&i=2 then
meduc=2;
    if a01p_diplome_&i in (4, 5, 6) & meduc in(.,0,1,2) & a01p_lientyp_&i=2
then meduc=3;
      if a01p_diplome_&i in(7) & meduc in(.,0,1,2,3) & a01p_lientyp_&i=2
      then meduc=4;
      if a01p_diplome_&i in(8) & meduc in(.,0,1,2,3,4) & a01p_lientyp_&i=2
then meduc=5;
      %end;
%mend;
%test2;

label meduc = "mother's educational attainment - isced";
format meduc meduc.;
run;

proc freq data=data;
table meduc;
run;
```

mother's educational attainment - isced				
meduc	Frequency	Percent	Cumulative Frequency	Cumulative Percent
none	730	4.33	730	4.33
primary	48	0.28	778	4.62
lower secondary	599	3.55	1377	8.17
upper secondary	5666	33.63	7043	41.80
intermediate	3659	21.72	10702	63.51
higher	6148	36.49	16850	100.00
Frequency Missing = 1479				

Citing

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FATHER'S EDUCATIONAL ATTAINMENT (ISCED)

Variable created by Barbara Castillo,8th January 2016
SAS Code created by Khaled Ben Jemaa, February 20th 2017

Variable name

feduc

Description

The variable indicates the father's highest educational attainment. When the individual declared two different education levels in 2 months and 1 year, we keep the highest declared diploma.

Wave

1 year

Variable values

0 – None
1 – Primary
2 – Lower secondary
3 – Upper secondary
4 – Intermediate
5 – Higher

Required input variables

m02p_diplome_4 m02p_lientyp_4 m02m_diplome_4 m02m_lientyp_4 a01p_diplome_4 a01p_diplome_5 a01p_diplome_6 a01p_diplome_7 a01p_diplome_8 a01p_diplome_9 a01p_diplome_10 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01p_lientyp_10 a01m_diplome_4 a01m_diplome_5 a01m_diplome_6 a01m_diplome_7 a01m_diplome_8 a01m_diplome_9 a01m_diplome_10 a01m_lientyp_4 a01m_lientyp_5 a01m_lientyp_6 a01m_lientyp_7 a01m_lientyp_8 a01m_lientyp_9 a01m_lientyp_10

Comments

This variable is created according to the International Standard Classification of Education, ISCED. Category 'intermediate' (=4 refers to Bac+2).

http://www.uis.unesco.org/Education/Pages/international-standard-classification-of-education.aspx

SAS-code

```
proc format
Library=Library.formats;
Value feduc
0="none"
1="primary"
2="lower secondary"
3="upper secondary"
4="intermediate"
5="higher";
run;

data data;
```

```
set data;
feduc = .;
if m02p_diplome_4=1 & m02p_lientyp_4=1 then feduc=0 ;
if m02p_diplome_4=2 & m02p_lientyp_4=1 then feduc=1 ;
if m02p_diplome_4=3 & m02p_lientyp_4=1 then feduc=2 ;
if m02p_diplome_4 in(4,5,6) & m02p_lientyp_4=1 then feduc=3 ;
if m02p_diplome_4=7 & m02p_lientyp_4=1 then feduc=4 ;
if m02p_diplome_4=8 & m02p_lientyp_4=1 then feduc=5 ;

%macro test;
      %do i=4 %to 10;
      if a01p_diplome_&i=1 & a01p_lientyp_&i=1 & feduc=. then feduc=0 ;
      if a01p_diplome_&i=2 & a01p_lientyp_&i=1 & feduc in(.,0) then feduc=1
;
      if a01p_diplome_&i=3 & a01p_lientyp_&i=1 & feduc in(.,0,1) then
feduc=2 ;
      if a01p_diplome_&i in(4,5,6) & a01p_lientyp_&i=1 & feduc in(.,0,1,2)
then feduc=3 ;
      if a01p_diplome_&i=7 & a01p_lientyp_&i=1 & feduc in (.,0,1,2,3) then
feduc=4 ;
    if a01p_diplome_&i=8 & a01p_lientyp_&i=1 & feduc in (.,0,1,2,3,4) then
feduc=5;
      %end;
%mend;
%test;

if m02m_diplome_4=1 & feduc=. & m02m_lientyp_4=1 then feduc=0;
if m02m_diplome_4=2 & feduc=. & m02m_lientyp_4=1 then feduc=1;
if m02m_diplome_4=3 & feduc=. & m02m_lientyp_4=1 then feduc=2;
if m02m_diplome_4 in(4,5,6) & feduc=. & m02m_lientyp_4=1 then feduc=3;
if m02m_diplome_4=7 & feduc=. & m02m_lientyp_4=1 then feduc=4;
if m02m_diplome_4=8 & feduc=. & m02m_lientyp_4=1 then feduc=5;

%macro  test2;
      %do i=4 %to 10;
      if a01m_diplome_&i=1 & a01m_lientyp_&i=1 & feduc=. then feduc=0 ;
      if a01m_diplome_&i=2 & a01m_lientyp_&i=1 & feduc in(.,0) then feduc=1
;
      if a01m_diplome_&i=3 & a01m_lientyp_&i=1 & feduc in (.,0,1) then
feduc=2;
      if a01m_diplome_&i in (4,5,6) & a01m_lientyp_&i=1 & feduc in(.,0,1,2)
then feduc=3 ;
      if a01m_diplome_&i=7 & a01m_lientyp_&i=1 & feduc in(.,0,1,2,3) then
feduc=4;
      if a01m_diplome_&i=8 & a01m_lientyp_&i=1 & feduc in(.,0,1,2,3,4) then
feduc=5 ;
      %end;
%mend;
%test2;

label feduc="father's educational attainment - isced";
format feduc feduc.;
run;

proc freq data= data;
table feduc;
run;
```

father's educational attainment - isced				
feduc	Frequency	Percent	Cumulative Frequency	Cumulative Percent
none	878	5.73	878	5.73
primary	51	0.33	929	6.06
lower secondary	569	3.71	1498	9.77
upper secondary	6276	40.93	7774	50.70
intermediate	2660	17.35	10434	68.05
higher	4898	31.95	15332	100.00
Frequency Missing = 2997				

Citing

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MOTHER'S PARTNER EDUCATIONAL ATTAINMENT (ISCED), 2 months

Variable created by Barbara Castillo, 1th July 2016
SAS Code created by Khaled Ben Jemaa, February 20th 2017

Variable name

mpeduc_2m

Description

The variable indicates the mother's partner highest educational attainment. The mother's partner refers to the current partner at the moment of the 2 months questionnaire (father or not).

Wave

2 months

Variable values

0 – None
1 – Primary
2 – Lower secondary
3 – Upper secondary
4 – Intermediate
5 – Higher

Required input variables

Feduc m02m_lientyp_4-6 m02m_diplome_4-6

Comments

This variable is created according to the International Standard Classification of Education, ISCED. Category 'intermediate' (=4 refers to Bac+2).

http://www.uis.unesco.org/Education/Pages/international-standard-classification-of-education.aspx

SAS-code

```
proc format
Library=Library.formats;
Value mpeduc_2m
0="none"
1="primary"
2="lower secondary"
3="upper secondary"
4="intermediate"
5="higher";
run;

data data;
set data;
if m02m_lientyp_4=1 then mpeduc_2m = feduc ;
```

```
%macro test;
      %do i=4 %to 6;
      if m02m_lientyp_&i=7 & m02m_diplome_&i=1 & mpeduc_2m=. then mpeduc_2m
= 0;
      if m02m_lientyp_&i=7 & m02m_diplome_&i=2 & mpeduc_2m=. then mpeduc_2m
= 1;
      if m02m_lientyp_&i=7 & m02m_diplome_&i=3 & mpeduc_2m=. then mpeduc_2m
= 2 ;
      if m02m_lientyp_&i=7 & m02m_diplome_&i in(4,5,6) & mpeduc_2m=. then
mpeduc_2m = 3;
      if m02m_lientyp_&i=7 & m02m_diplome_&i=7 & mpeduc_2m=. then mpeduc_2m
= 4;
    if m02m_lientyp_&i=7 & m02m_diplome_&i=8 & mpeduc_2m=. then mpeduc_2m =
5;
      %end;
%mend;
%test;

label mpeduc_2m = "Mother's partner educational attainment - isced (father
or current partner at 2 months)";
format mpeduc_2m mpeduc_2m.;
run;

proc freq data=data;
table mpeduc_2m;
run;
```

Mother's partner educational attainment - isced (father or current partner at 2 months)

mpeduc_2m	Frequency	Percent	Cumulative Frequency	Cumulative Percent
none	779	5.31	779	5.31
primary	38	0.26	817	5.57
lower secondary	529	3.60	1346	9.17
upper secondary	5958	40.60	7304	49.77
intermediate	2604	17.74	9908	67.51
higher	4768	32.49	14676	100.00

Frequency Missing = 3653

Citing

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MOTHER'S PARTNER EDUCATIONAL ATTAINMENT (ISCED), 1 year

Variable created by Barbara Castillo, 1th July 2016
SAS Code created by Khaled Ben Jemaa, February 20th 2017

Variable name

mpeduc_1y

Description

The variable indicates the mother's partner highest educational attainment. The mother's partner refers to the current partner at the moment of the 1 year questionnaire (father or not).

Wave

1 year

Variable values

0 – None
1 – Primary
2 – Lower secondary
3 – Upper secondary
4 – Intermediate
5 – Higher

Required input variables

Feduc a01m_lientyp_4-10 a01m_diplome_4-10

Comments

This variable is created according to the International Standard Classification of Education, ISCED. Category 'intermediate' (=4 refers to Bac+2).

http://www.uis.unesco.org/Education/Pages/international-standard-classification-of-education.aspx

SAS-code

```
proc format
Library=Library.formats;
Value mpeduc_1y
0="none"
1="primary"
2="lower secondary"
3="upper secondary"
4="intermediate"
5="higher";
run;

data data;
set data;
```

```
mpeduc_1y = .;

%macro test;
      %do i=4 %to 10;
      if a01m_lientyp_&i=1 then mpeduc_1y = feduc ;
      if a01m_lientyp_&i=7 & a01m_diplome_&i=1 & mpeduc_1y=. then mpeduc_1y
= 0;
      if a01m_lientyp_&i=7 & a01m_diplome_&i=2 & mpeduc_1y=. then mpeduc_1y
= 1;
      if a01m_lientyp_&i=7 & a01m_diplome_&i=3 & mpeduc_1y=. then mpeduc_1y
= 2;
      if a01m_lientyp_&i=7 & a01m_diplome_&i in(4,5,6) & mpeduc_1y=. then
mpeduc_1y = 3;
      if a01m_lientyp_&i=7 & a01m_diplome_&i=7 & mpeduc_1y=. then mpeduc_1y
= 4;
      if a01m_lientyp_&i=7 & a01m_diplome_&i=8 & mpeduc_1y=. then mpeduc_1y
= 5;
      %end;
%mend;
%test;

label mpeduc_1y = "Mother's partner educational attainment - isced (father
or current partner at 1 year)";
format mpeduc_1y mpeduc_1y.;
run;

proc freq data=data;
table mpeduc_1y;
run;
```

Mother's partner educational attainment - isced (father or current partner at 1 year)

mpeduc_1y	Frequency	Percent	Cumulative Frequency	Cumulative Percent
none	729	5.20	729	5.20
primary	41	0.29	770	5.50
lower secondary	499	3.56	1269	9.06
upper secondary	5612	40.05	6881	49.11
intermediate	2486	17.74	9367	66.85
higher	4644	33.15	14011	100.00
Frequency Missing = 4318				

Citing

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FATHER'S PARTNER EDUCATIONAL ATTAINMENT (ISCED), 2 months

Variable created by Barbara Castillo, 1th July 2016
SAS Code created by Khaled Ben Jemaa, February 20th 2017

Variable name

fpeduc_2m

Description

The variable indicates the father's partner highest educational attainment. The father's partner refers to the current partner at the moment of the 2 months questionnaire (mother or not).

Wave

2 months

Variable values

0 – None
1 – Primary
2 – Lower secondary
3 – Upper secondary
4 – Intermediate
5 – Higher

Required input variables

meduc m02p_lientyp_3-10 m02p_diplome_3-10

Comments

This variable is created according to the International Standard Classification of Education, ISCED. Category 'intermediate' (=4 refers to Bac+2).

http://www.uis.unesco.org/Education/Pages/international-standard-classification-of-education.aspx

SAS-code

```
proc format
Library=Library.formats;
Value fpeduc_2m
0="none"
1="primary"
2="lower secondary"
3="upper secondary"
4="intermediate"
5="higher";
run;

data data;
set data;
fpeduc_2m = .;
%macro test;
```

```
      %do i=3 %to 10;
      if m02p_lientyp_&i=2 then fpeduc_2m = meduc;
      if m02p_lientyp_&i=7 & m02p_diplome_&i=1 & fpeduc_2m=. then fpeduc_2m
= 0;
      if m02p_lientyp_&i=7 & m02p_diplome_&i=2 & fpeduc_2m=. then fpeduc_2m
= 1;
      if m02p_lientyp_&i=7 & m02p_diplome_&i=3 & fpeduc_2m=. then fpeduc_2m
= 2;
      if m02p_lientyp_&i=7 & m02p_diplome_&i in(4,5,6) & fpeduc_2m=. then
fpeduc_2m = 3;
      if m02p_lientyp_&i=7 & m02p_diplome_&i=7 & fpeduc_2m=. then fpeduc_2m
= 4;
      if m02p_lientyp_&i=7 & m02p_diplome_&i=8 & fpeduc_2m=. then fpeduc_2m
= 5;
      %end;
%mend;
%test;

label fpeduc_2m = "father's partner educational attainment - isced (mother
or current partner at 2 months)";
format fpeduc_2m fpeduc_2m.;
run;

proc freq data=data;
table fpeduc_2m;
run;
```

father's partner educational attainment - isced (mother or current partner at 2 months)

fpeduc_2m	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
none	338	2.64	338	2.64
primary	24	0.19	362	2.83
lower secondary	353	2.76	715	5.59
upper secondary	3845	30.07	4560	35.66
intermediate	2953	23.09	7513	58.75
higher	5274	41.25	12787	100.00

Fréquence manquante = 5542

Citing

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FATHER'S PARTNER EDUCATIONAL ATTAINMENT (ISCED), 1 year

Variable created by Barbara Castillo, 1th July 2016
SAS Code created by Khaled Ben Jemaa, February 20th 2017

Variable name

fpeduc_1y

Description

The variable indicates the father's partner highest educational attainment. The father's partner refers to the current partner at the moment of the 1 year questionnaire (mother or not).

Wave

1 year

Variable values

0 – None
1 – Primary
2 – Lower secondary
3 – Upper secondary
4 – Intermediate
5 – Higher

Required input variables

meduc a01p_lientyp_3-10 a01p_diplome_3-10

Comments

This variable is created according to the International Standard Classification of Education, ISCED. Category 'intermediate' (=4 refers to Bac+2).

http://www.uis.unesco.org/Education/Pages/international-standard-classification-of-education.aspx

SAS-code

```
proc format
Library=Library.formats;
Value fpeduc_1y
0="none"
1="primary"
2="lower secondary"
3="upper secondary"
4="intermediate"
5="higher";
run;

data data;
set data;
fpeduc_1y = .;
%macro test2;
```

```
	%do i=3 %to 10;
	if a01p_lientyp_&i=2 then fpeduc_1y = meduc;
	if a01p_lientyp_&i=7 & a01p_diplome_&i=1 & fpeduc_1y=. then fpeduc_1y
= 0;
	if a01p_lientyp_&i=7 & a01p_diplome_&i=2 & fpeduc_1y=. then fpeduc_1y
= 1;
	if a01p_lientyp_&i=7 & a01p_diplome_&i=3 & fpeduc_1y=. then fpeduc_1y
= 2;
	if a01p_lientyp_&i=7 & a01p_diplome_&i in(4,5,6) & fpeduc_1y=. then
fpeduc_1y = 3;
	if a01p_lientyp_&i=7 & a01p_diplome_&i=7 & fpeduc_1y=. then fpeduc_1y
= 4;
	if a01p_lientyp_&i=7 & a01p_diplome_&i=8 & fpeduc_1y=. then fpeduc_1y
= 5;
	%end;
%mend;
%test2;
label fpeduc_1y = "father's partner educational attainment - isced (mother
or current partner at 1 year)";
format fpeduc_1y fpeduc_1y.;
run;

proc freq data=data;
table fpeduc_1y;
run;
```

father's partner educational attainment - isced (mother or current partner at 1 year)

fpeduc_1y	Frequency	Percent	Cumulative Frequency	Cumulative Percent
none	254	2.23	254	2.23
primary	21	0.18	275	2.42
lower secondary	260	2.28	535	4.70
upper secondary	3207	28.17	3742	32.87
intermediate	2660	23.36	6402	56.23
higher	4983	43.77	11385	100.00
Frequency Missing = 6944				

Citing

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PARENTS EDUCATIONAL GAP (ISCED)

Variable created by Barbara Castillo, 27th June 2016
SAS Code created by Khaled Ben Jemaa, February 20th 2017

Variable name

educdiff

Description

The variable indicates the educational gap between parents's highest educational attainment. When the individual declared two different education levels in 2 months and 1 year, we keep the highest declared diploma.

Wave

1 year

Variable values

Continuous

Required input variables

1.- Father = Mother
2.- Father > Mother
3.- Mother > Father

SAS-code

```
proc format
Library=Library.formats;
Value educdiff
1="Father = Mother"
2="Father > Mother"
3="Mother > Father";
run;

data data;
set data;
educfm = feduc - meduc;
if educfm>0 & educfm ne . then educdiff = 2; /*father > mother*/
if educfm=0 & educfm ne . then educdiff = 1; /*father = mother*/
if educfm<0 & educfm ne . then educdiff = 3 ; /*mother > father*/
label educdiff = "Educational gap between father and mother (f-m)";
format educdiff educdiff.;
run;

proc freq data=data;
table educdiff;
run;
```

Educational gap between father and mother (f-m)				
educdiff	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Father = Mother	7541	49.20	7541	49.20
Father > Mother	2822	18.41	10363	67.61
Mother > Father	4965	32.39	15328	100.00
Frequency Missing = 3001				

Citing

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COHABITING COUPLE EDUCATIONAL GAP (ISCED), 2 months

Variable created by Barbara Castillo, 1th July 2016
SAS Code created by Khaled Ben Jemaa, February 20th 2017

Variable name

educpm_2m

Description

The variable indicates the educational gap between the cohabiting couple members in the child's household. We keep child's household as reference such that if the child is living with the father and the mother is not in the household, then we compare the educational gap of the father and his current partner at 2 months questionnaire.

Wave

2 months

Variable values

Continuous

Required input variables

1.- Father = Mother // Conjoint = Mother // Father = Conjoint
2.- Father > Mother // Conjoint > Mother // Father > Conjoint
3.- Father < Mother // Conjoint < Mother // Father < Conjoint

SAS-code

```
proc format
Library=Library.formats;
Value educdiff_2m
1="Father = Mother"
2="Father > Mother"
3="Mother > Father";
run;

data data;
set data;
if child_hhld in(1,4,5,6) then educpm_2m = feduc - meduc ;
if child_hhld in(2)then educpm_2m = mpeduc_2m - meduc ;
if child_hhld in(3)then educpm_2m = feduc - fpeduc_2m;
if educpm_2m>0 & educpm_2m ne . then educdiff_2m = 2; /*father > mother //
conjoint > mother // father > conjoint*/
if educpm_2m=0 & educpm_2m ne . then educdiff_2m = 1; /*father = mother //
conjoint = mother // father = conjoint*/
if educpm_2m<0 & educpm_2m ne . then educdiff_2m = 3; /*father < mother //
conjoint < mother // father < conjoint*/
label educdiff_2m = "Educational gap between household cohabiting partners
(father-mother/conj-mother/father-conj)";
format educdiff_2m educdiff_2m.;
run;
```

```
proc freq data= data;
table educdiff_2m;
run;
```

Educational gap between household cohabiting partners (father-mother/conj-mother/father-conj)				
educdiff_2m	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Father = Mother	7250	49.28	7250	49.28
Father > Mother	2672	18.16	9922	67.44
Mother > Father	4791	32.56	14713	100.00
Frequency Missing = 3616				

Citing

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COHABITING COUPLE EDUCATIONAL GAP (ISCED), 1 year

Variable created by Barbara Castillo, 1th July 2016
SAS Code created by Khaled Ben Jemaa, February 20th 2017

Variable name

educpm_1y

Description

The variable indicates the educational gap between the cohabiting couple members in the child's household. We keep child's household as reference such that if the child is living with the father and the mother is not in the household, then we compare the educational gap of the father and his current partner at 1 year questionnaire.

Wave

1 year

Variable values

Continuous

Required input variables

1.- Father = Mother // Conjoint = Mother // Father = Conjoint
2.- Father > Mother // Conjoint > Mother // Father > Conjoint
3.- Father < Mother // Conjoint < Mother // Father < Conjoint

Stata-code

```
proc format
Library=Library.formats;
Value educdiff_1y;
1="Father = Mother"
2="Father > Mother"
3="Mother > Father";
run;

data data;
set data;
if child_hhld1y in(1,4,5,6) then educpm_1y = feduc - meduc;  /*father and
mother if child with them*/
if child_hhld1y in(2)then educpm_1y = mpeduc_1y - meduc; /*mother and
partner if child with mother*/
if child_hhld1y in (3)then educpm_1y = feduc - fpeduc_1y; /*father and
partner if child with father*/
if educpm_1y>0 & educpm_1y ne . then educdiff_1y = 2; /*father > mother //
conjoint > mother // father > conjoint*/
if educpm_1y=0 & educpm_1y ne . then educdiff_1y = 1; /*father = mother //
conjoint = mother // father = conjoint*/
if educpm_1y<0 & educpm_1y ne . then educdiff_1y = 3; /*father < mother //
conjoint < mother // father < conjoint*/
```

```
label educdiff_1y = "Educational gap between household cohabiting partners
(father-mother/conj-mother/father-conj)";
format educdiff_1y educdiff_1y.;
run;

proc freq data=data;
table educdiff_1y;
run;
```

Educational gap between household cohabiting partners (father-mother/conj-mother/father-conj)

educdiff_1y	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
Father = Mother	6952	49.44	6952	49.44
Father > Mother	2516	17.89	9468	67.34
Mother > Father	4593	32.66	14061	100.00

Fréquence manquante = 4268

Citing

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MOTHER'S EDUCATIONAL ATTAINMENT (FRENCH CATEGORIZATION)

Variable created by Lidia Panico and Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, February 20th 2017

Variable name

meducaf

Description

The variable indicates the mother's highest educational attainment according to the French system. When the individual declared two different education levels in 2 months and 1 year, we keep the highest declared diploma.

Wave

1 year

Variable values

1 – Lower than BEPC
2 – CAP-BEP
3 – Bac
4 – Bac +2
5 – Higher than Bac +2

Required input variables

m02m_diplome_3 m02p_diplome_3 m02p_diplome_4 m02p_diplome_5 m02p_diplome_6 m02p_diplome_7 m02p_diplome_8 m02p_diplome_9 m02p_diplome_10 m02p_lientyp_3 m02p_lientyp_4 m02p_lientyp_5 m02p_lientyp_6 m02p_lientyp_7 m02p_lientyp_8 m02p_lientyp_9 m02p_lientyp_10 a01m_diplome_3 a01p_diplome_3 a01p_diplome_4 a01p_diplome_5 a01p_diplome_6 a01p_diplome_7 a01p_diplome_8 a01p_diplome_9 a01p_diplome_10 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01p_lientyp_10

Comments

SAS-code

```
proc format
Library=Library.formats;
Value meducaf
1="<=bepc"
2="cap-bep"
3="bac"
4="bac +2"
5=">bac +2";
run;

data data;
set data;
meducaf=.;
if m02m_diplome_3=1 then meducaf=1;
if m02m_diplome_3=2 then meducaf=1;
```

```
if m02m_diplome_3=3 then meducaf=1;
if m02m_diplome_3 in (4)then meducaf=2 ;
if m02m_diplome_3 in (5,6) then meducaf=3 ;
if m02m_diplome_3 in(7)then meducaf=4;
if m02m_diplome_3 in(8)then meducaf=5;

if a01m_diplome_3 in(1,2,3) & meducaf in(.) then meducaf=1;
if a01m_diplome_3 in(4) & meducaf in(.,1) then meducaf=2 ;
if a01m_diplome_3 in(5,6) & meducaf in(.,1,2) then meducaf=3 ;
if a01m_diplome_3 in(7) & meducaf in(.,1,2,3) then meducaf=4;
if a01m_diplome_3 in(8) & meducaf in(.,1,2,3,4) then meducaf=5 ;

%macro test;
      %do i=3 %to 10;
      if m02p_diplome_&i=1 & meducaf=. & m02p_lientyp_&i=2 then meducaf=1;
      if m02p_diplome_&i=2 & meducaf=. & m02p_lientyp_&i=2 then meducaf=1;
      if m02p_diplome_&i=3 & meducaf=. & m02p_lientyp_&i=2 then meducaf=1;
      if m02p_diplome_&i in(4) & meducaf=. & m02p_lientyp_&i=2 then
meducaf=2;
      if m02p_diplome_&i in(5,6) & meducaf=. & m02p_lientyp_&i=2 then
meducaf=3;
      if m02p_diplome_&i in(7) & meducaf=. & m02p_lientyp_&i=2 then
meducaf=4;
      if m02p_diplome_&i in(8) & meducaf=. & m02p_lientyp_&i=2 then
meducaf=5;
      %end;
%mend;
%test;

%macro test2;
      %do i=3 %to 10;
      if a01p_diplome_&i in(1,2,3) & meducaf=. & a01p_lientyp_&i=2 then
meducaf=1;
      if a01p_diplome_&i in(4) & meducaf=. & a01p_lientyp_&i=2 then
meducaf=2;
      if a01p_diplome_&i in(5,6) & meducaf=. & a01p_lientyp_&i=2 then
meducaf=3;
      if a01p_diplome_&i in(7) & meducaf=. & a01p_lientyp_&i=2 then
meducaf=4 ;
      if a01p_diplome_&i in (8) & meducaf=. & a01p_lientyp_&i=2 then
meducaf=5;
      %end;
%mend;
%test2;

label meducaf= "mother's educational attainment - french";
format meducaf meducaf.;

run;

proc freq data= data;
table meducaf;
run;
```

mother's educational attainment - french				
meducaf	Frequency	Percent	Cumulative Frequency	Cumulative Percent
<=bepc	1384	8.21	1384	8.21
cap-bep	2513	14.91	3897	23.13
bac	3150	18.69	7047	41.82
bac +2	3659	21.72	10706	63.54
>bac +2	6144	36.46	16850	100.00
Frequency Missing = 1479				

Citing

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FATHER'S EDUCATIONAL ATTAINMENT (FRENCH CATEGORIZATION)

Variable created by Barbara Castillo, 8th January 2016

Variable name

feducaf

Description

The variable indicates the father's highest educational attainment according to the French system. When the individual declared two different education levels in 2 months and 1 year, we keep the highest declared diploma.

Wave

1 year

Variable values

1 – Lower than BEPC
2 – CAP-BEP
3 – Bac
4 – Bac +2
5 – Higher than Bac +2

Required input variables

m02p_diplome_4 m02p_lientyp_4 m02m_diplome_4 m02m_lientyp_4 a01p_diplome_4 a01p_diplome_5 a01p_diplome_6 a01p_diplome_7 a01p_diplome_8 a01p_diplome_9 a01p_diplome_10 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01p_lientyp_10 a01m_diplome_4 a01m_diplome_5 a01m_diplome_6 a01m_diplome_7 a01m_diplome_8 a01m_diplome_9 a01m_diplome_10 a01m_lientyp_4 a01m_lientyp_5 a01m_lientyp_6 a01m_lientyp_7 a01m_lientyp_8 a01m_lientyp_9 a01m_lientyp_10**Comments**

SAS-code

```
proc format
Library=Library.formats;
Value feducaf
1="<=bepc"
2="cap-bep"
3="bac"
4="bac +2"
5=">bac +2";
run;

data data;
set data;
feducaf=.;
if m02p_diplome_4 in(1,2,3) & m02p_lientyp_4=1 then feducaf=1;
if m02p_diplome_4 in(4) & m02p_lientyp_4=1 then feducaf=2;
if m02p_diplome_4 in(5,6) & m02p_lientyp_4=1 then feducaf=3;
if m02p_diplome_4 in(7) & m02p_lientyp_4=1 then feducaf=4;
if m02p_diplome_4 in(8) & m02p_lientyp_4=1 then feducaf=5;


%macro test;
      %do i=4 %to 10;
```

```
      if a01p_diplome_&i in(1,2,3) & a01p_lientyp_&i=1 & feducaf in(.) then
feducaf=1;
      if a01p_diplome_&i in(4) & a01p_lientyp_&i=1 & feducaf in(.,1) then
feducaf=2;
      if a01p_diplome_&i in(5,6) & a01p_lientyp_&i=1 & feducaf in(.,1,2)
then feducaf=3;
      if a01p_diplome_&i in(7) & a01p_lientyp_&i=1 & feducaf in(.,1,2,3)
then feducaf=4;
      if a01p_diplome_&i in(8) & a01p_lientyp_&i=1 & feducaf in(.,1,2,3,4)
then feducaf=5;
      %end;
%mend;
%test;

if m02m_diplome_4 in(1,2,3) & feducaf=. & m02m_lientyp_4=1 then feducaf=1;
if m02m_diplome_4=4 & feducaf=. & m02m_lientyp_4=1 then feducaf=2;
if m02m_diplome_4 in(5,6) & feducaf=. & m02m_lientyp_4=1 then feducaf=3;
if m02m_diplome_4=7 & feducaf=. & m02m_lientyp_4=1 then feducaf=4;
if m02m_diplome_4=8 & feducaf=. & m02m_lientyp_4=1 then feducaf=5;

%macro test2;
      %do i=4 %to 10;
      if a01m_diplome_&i in(1,2,3) & feducaf=. & a01m_lientyp_&i=1 then
feducaf=1;
      if a01m_diplome_&i=4 & feducaf=. & a01m_lientyp_&i=1 then feducaf=2;
      if a01m_diplome_&i in(5,6) & feducaf=. & a01m_lientyp_&i=1 then
feducaf=3;
      if a01m_diplome_&i=7 & feducaf=. & a01m_lientyp_&i=1 then feducaf=4;
      if a01m_diplome_&i=8 & feducaf=. & a01m_lientyp_&i=1 then feducaf=5;
      %end;
%mend;
%test2;

label feducaf = "father's educational attainment - french";
format feducaf feducaf.;
run;

proc freq data=data;
table feducaf;
run;
```

father's educational attainment - french				
feducaf	Frequency	Percent	Cumulative Frequency	Cumulative Percent
<=bepc	1501	9.79	1501	9.79
cap-bep	3169	20.67	4670	30.46
bac	3107	20.26	7777	50.72
bac +2	2665	17.38	10442	68.11
>bac +2	4890	31.89	15332	100.00
Frequency Missing = 2997				

Citing

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3.3. Parents' professional situation

MOTHER'S OCCUPATIONAL STATUS, 2 months

Variable created by Marieke Heers and Barbara Castillo, 23th November 2015
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

mother_occup_status

Description

The variable indicates the occupational status of the mother.

Wave

2 months

Variable values

1 – Employed
2 – Unemployed
3 – Other situation (incl. housewife, retired, handicapped pension)
4 – Student, apprentice, intern

Required input variables

M02M_ETUDES_3 M02M_SITUAE_3 M02M_SITUA_3 M02M_CONGMATPAR_3 M02P_ETUDES_3 M02P_ETUDES_4 M02P_ETUDES_5 M02P_ETUDES_6 M02P_ETUDES_7 M02P_ETUDES_8 M02P_ETUDES_9 M02P_ETUDES_10 M02P_SITUAE_3 M02P_SITUAE_4 M02P_SITUAE_5 M02P_SITUAE_6 M02P_SITUAE_7 M02P_SITUAE_8 M02P_SITUAE_9 M02P_SITUAE_10 M02P_SITUA_3 M02P_SITUA_4 M02P_SITUA_5 M02P_SITUA_6 M02P_SITUA_7 M02P_SITUA_8 M02P_SITUA_9 M02P_SITUA_10 M02P_CONGMATPAR_3 M02P_CONGMATPAR_4 M02P_CONGMATPAR_5 M02P_CONGMATPAR_6 M02P_CONGMATPAR_7 M02P_CONGMATPAR_8 M02P_CONGMATPAR_9 M02P_CONGMATPAR_10 M02P_LIENTYP_3 M02P_LIENTYP_4 M02P_LIENTYP_5 M02P_LIENTYP_6 M02P_LIENTYP_7 M02P_LIENTYP_8 M02P_LIENTYP_9 M02P_LIENTYP_10

SAS-code

```
proc format
Library=Library.formats;
Value mother_occup_status
1="employed"
2="unemployed"
3="other situation (incl. housewife, retired, handicapped pension)"
4="student, apprentice, intern";
run;

data data;
set data;
mother_occup_status=.;
if m02m_etudes_3=1 then mother_occup_status=4;
if m02m_situae_3 ^=. then mother_occup_status=4 ;

if m02m_situa_3=1 then mother_occup_status=1;
if m02m_situa_3=2 then mother_occup_status=4;
if m02m_situa_3=3 then mother_occup_status=2;
if m02m_situa_3=4 then mother_occup_status=3;
if m02m_situa_3=5 then mother_occup_status=3;
```

```
if m02m_situa_3=6 then mother_occup_status=3;
if m02m_situa_3=7 then mother_occup_status=3;

%macro test;
      %do i=3 %to 10;
      if m02p_etudes_&i=1 & m02p_lientyp_&i=2 & mother_occup_status=. then
mother_occup_status=4 ;
      if m02p_situae_&i^=. & m02p_lientyp_&i=2 & mother_occup_status=. then
mother_occup_status=4;
      if m02p_situa_&i=1 & m02p_lientyp_&i=2 & mother_occup_status=. then
mother_occup_status=1;
      if m02p_situa_&i=2 & m02p_lientyp_&i=2 & mother_occup_status=. then
mother_occup_status=4;
      if m02p_situa_&i=3 & m02p_lientyp_&i=2 & mother_occup_status=. then
mother_occup_status=2;
      if m02p_situa_&i=4 & m02p_lientyp_&i=2 & mother_occup_status=. then
mother_occup_status=3;
      if m02p_situa_&i=5 & m02p_lientyp_&i=2 & mother_occup_status=. then
mother_occup_status=3;
      if m02p_situa_&i=6 & m02p_lientyp_&i=2 & mother_occup_status=. then
mother_occup_status=3;
      if m02p_situa_&i=7 & m02p_lientyp_&i=2 & mother_occup_status=. then
mother_occup_status=3;
      %end;
%mend;
%test;

if m02m_congmatpar_3=1 & mother_occup_status=. then mother_occup_status=1;
if m02m_congmatpar_3=2 & mother_occup_status=. then mother_occup_status=3;
if m02m_congmatpar_3=3 & mother_occup_status=. then mother_occup_status=1;

%Macro test2;
      %do i=3 %to 10;
      if m02p_congmatpar_&i=1 & m02p_lientyp_&i=2 & mother_occup_status=.
then mother_occup_status=1;
      if m02p_congmatpar_&i=2 & m02p_lientyp_&i=2 & mother_occup_status=.
then mother_occup_status=3;
      if m02p_congmatpar_&i=3 & m02p_lientyp_&i=2 & mother_occup_status=.
then mother_occup_status=1;
      %end;
%mend;
%test2;
label mother_occup_status = "mother's occupational status, 2 months";
format mother_occup_status mother_occup_status.;
run;

proc freq data=data;
table mother_occup_status;
run;
```

mother's occupational status, 2 months

mother_occup_status	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
employed	11716	71.41	11716	71.41
unemployed	1996	12.17	13712	83.57
other situation (incl. housewife, retired, handicapped pension)	2110	12.86	15822	96.43
student, apprentice, intern	585	3.57	16407	100.00

Fréquence manquante = 1922

Citing

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MOTHER'S OCCUPATIONAL STATUS, 1 year

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

mother_occup_status1y

Description

The variable indicates the occupational status of the mother.

Wave

1 year

Variable values

1 – Employed
2 – Unemployed
3 – Other situation (incl. housewife, retired, handicapped pension)
4 – Student, apprentice, intern

Required input variables

a01m_etudes_3 a01m_situae_3 a01m_situa_3 a01p_etudes_3 a01p_etudes_4 a01p_etudes_5 a01p_etudes_6 a01p_etudes_7 a01p_etudes_8 a01p_etudes_9 a01p_etudes_10 a01p_lientyp_3 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01p_lientyp_10 a01p_situae_3 a01p_situae_4 a01p_situae_5 a01p_situae_6 a01p_situae_7 a01p_situae_8 a01p_situae_9 a01p_situae_10 a01p_situa_3 a01p_situa_4 a01p_situa_5 a01p_situa_6 a01p_situa_7 a01p_situa_8 a01p_situa_9 a01p_situa_10 a01m_congmatpar_3 a01p_congmatpar_3 a01p_congmatpar_4 a01p_congmatpar_5 a01p_congmatpar_6 a01p_congmatpar_7 a01p_congmatpar_8 a01p_congmatpar_9 a01p_congmatpar_10

SAS-code

```
proc format
Library=Library.formats;
Value mother_occup_status1y
1="employed"
2="unemployed"
3="other situation (incl. housewife, retired, handicapped pension)"
4="student, apprentice, intern";
run;

data data;
set data;
mother_occup_status1y = .;
if a01m_etudes_3=1 & mother_occup_status1y=. then mother_occup_status1y =
4;
if a01m_situae_3^=. & mother_occup_status1y=. then mother_occup_status1y =
4;

if a01m_situa_3=1 & mother_occup_status1y=. then mother_occup_status1y = 1;
if a01m_situa_3=2 & mother_occup_status1y=. then mother_occup_status1y = 4;
if a01m_situa_3=3 & mother_occup_status1y=. then mother_occup_status1y = 2;
if a01m_situa_3 in(4,5,6,7) & mother_occup_status1y=. then
mother_occup_status1y = 3;
```

```
%macro test;
      %do i= 3 %to 10;
      if a01p_etudes_&i=1 & a01p_lientyp_&i=2 & mother_occup_status1y=.
then mother_occup_status1y = 4;
      if a01p_situae_&i^=. & a01p_lientyp_&i=2 & mother_occup_status1y=.
then mother_occup_status1y = 4;

      if a01p_situa_&i=1 & a01p_lientyp_&i=2 & mother_occup_status1y=. then
mother_occup_status1y = 1;
      if a01p_situa_&i=2 & a01p_lientyp_&i=2 & mother_occup_status1y=. then
mother_occup_status1y = 4;
      if a01p_situa_&i=3 & a01p_lientyp_&i=2 & mother_occup_status1y=. then
mother_occup_status1y = 2;
      if a01p_situa_&i in (4,5,6,7) & a01p_lientyp_&i=2 &
mother_occup_status1y=. then mother_occup_status1y = 3;
      %end;
%mend;
%test;

if a01m_congmatpar_3=1 & mother_occup_status1y=. then mother_occup_status1y
= 1;
if a01m_congmatpar_3=2 & mother_occup_status1y=. then mother_occup_status1y
= 3;
if a01m_congmatpar_3=3 & mother_occup_status1y=. then mother_occup_status1y
= 1;

%macro test2;
      %do i=3 %to 10;
      if a01p_congmatpar_&i=1 & a01p_lientyp_&i=2 & mother_occup_status1y=.
then mother_occup_status1y = 1;
      if a01p_congmatpar_&i=2 & a01p_lientyp_&i=2 & mother_occup_status1y=.
then mother_occup_status1y = 3;
      if a01p_congmatpar_&i=3 & a01p_lientyp_&i=2 & mother_occup_status1y=.
then mother_occup_status1y = 1;
      %end;
%mend;
%test2;

label mother_occup_status1y = "Mother's occupational status, 1 year";
format mother_occup_status1y mother_occup_status1y.;
run;

proc freq data=data;
table mother_occup_status1y;
run;
```

Mother's occupational status, 1 year				
mother_occup_status1y	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
employed	11040	75.35	11040	75.35
unemployed	1428	9.75	12468	85.10
other situation (incl. housewife, retired, handicapped pension)	1683	11.49	14151	96.59
student, apprentice, intern	500	3.41	14651	100.00
Fréquence manquante = 3678				

Citing

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FATHER'S OCCUPATIONAL STATUS, 2 months

Variable created by Marieke Heers and Barbara Castillo, 23th November 2015
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

Father_occup_status

Description

The variable indicates the occupational status of the father.

Wave

2 months

Variable values

1 – Employed
2 – Unemployed
3 – Other situation (incl. housewife, retired, handicapped pension)
4 – Student, apprentice, intern

Required input variables

M02P_ETUDES_4 M02P_LIENTYP_4 M02P_SITUAE_4 M02P_SITUA_4 M02P_CONGMATPAR_4 M02M_ETUDES_4 M02M_LIENTYP_4 M02M_SITUAE_4 M02M_SITUA_4 M02M_CONGMATPAR_4 M00M2_EMPLOIC

SAS-code

```
proc format
Library=Library.formats;
Value father_occup_status
1="employed"
2="unemployed"
3="other situation (incl. housewife, retired, handicapped pension)"
4="student, apprentice, intern";
run;

data data;
set data;
father_occup_status=.;
if  m02p_etudes_4=1 & m02p_lientyp_4=1 then father_occup_status=4;
if  m02p_situae_4 ^=. & m02p_lientyp_4=1 & father_occup_status=. then
father_occup_status=4;

if  m02p_situa_4=1 & m02p_lientyp_4=1 & father_occup_status=. then
father_occup_status=1;
if  m02p_situa_4=2 & m02p_lientyp_4=1 & father_occup_status=. then
father_occup_status=4;
if  m02p_situa_4=3 & m02p_lientyp_4=1 & father_occup_status=. then
father_occup_status=2;
if  m02p_situa_4=4 & m02p_lientyp_4=1 & father_occup_status=. then
father_occup_status=3;
if  m02p_situa_4=5 & m02p_lientyp_4=1 & father_occup_status=. then
father_occup_status=3;
```

```
if  m02p_situa_4=6 & m02p_lientyp_4=1 & father_occup_status=. then
father_occup_status=3;
if  m02p_situa_4=7 & m02p_lientyp_4=1 & father_occup_status=. then
father_occup_status=3;

if  m02m_etudes_4=1 & father_occup_status=. & m02m_lientyp_4=1 then
father_occup_status=4;
if  m02m_situae_4^=. & m02p_lientyp_4=1 & father_occup_status=. then
father_occup_status=4;

if  m02m_situa_4=1 & father_occup_status=. & m02m_lientyp_4=1 then
father_occup_status=1;
if  m02m_situa_4=2 & father_occup_status=. & m02m_lientyp_4=1 then
father_occup_status=4;
if  m02m_situa_4=3 & father_occup_status=. & m02m_lientyp_4=1 then
father_occup_status=2;
if  m02m_situa_4=4 & father_occup_status=. & m02m_lientyp_4=1 then
father_occup_status=3;
if  m02m_situa_4=5 & father_occup_status=. & m02m_lientyp_4=1 then
father_occup_status=3;
if  m02m_situa_4=6 & father_occup_status=. & m02m_lientyp_4=1 then
father_occup_status=3;
if  m02m_situa_4=7 & father_occup_status=. & m02m_lientyp_4=1 then
father_occup_status=3;

if  m02p_congmatpar_4=1 & m02p_lientyp_4=1 & father_occup_status=. then
father_occup_status=1;
if  m02p_congmatpar_4=2 & m02p_lientyp_4=1 & father_occup_status=. then
father_occup_status=3;
if  m02p_congmatpar_4=3 & m02p_lientyp_4=1 & father_occup_status=. then
father_occup_status=1;

if  m02m_congmatpar_4=1 & m02m_lientyp_4=1 & father_occup_status=. then
father_occup_status=1;
if  m02m_congmatpar_4=2 & m02m_lientyp_4=1 & father_occup_status=. then
father_occup_status=3;
if  m02m_congmatpar_4=3 & m02m_lientyp_4=1 & father_occup_status=. then
father_occup_status=1;

if m00m2_emploic=1 & father_occup_status=. then father_occup_status=1;
if m00m2_emploic=2 & father_occup_status=. then father_occup_status=3;
if m00m2_emploic=3 & father_occup_status=. then father_occup_status=4;
if m00m2_emploic=4 & father_occup_status=. then father_occup_status=2;
if m00m2_emploic=5 & father_occup_status=. then father_occup_status=3;
if m00m2_emploic=6 & father_occup_status=. then father_occup_status=3;
if m00m2_emploic=7 & father_occup_status=. then father_occup_status=3;

label father_occup_status = "professional situation father, 2 months";
format father_occup_status father_occup_status.;
run;

proc freq data=data;
table father_occup_status;
run;
```

professional situation father, 2 months				
father_occup_status	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
employed	15854	89.12	15854	89.12
unemployed	1118	6.28	16972	95.40
other situation (incl. housewife, retired, handicapped pension)	410	2.30	17382	97.71
student, apprentice, intern	408	2.29	17790	100.00
Fréquence manquante = 539				

Citing

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FATHER'S OCCUPATIONAL STATUS, 1 year

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

father_occup_status1y

Description

The variable indicates the occupational status of the father.

Wave

1 year

Variable values

1 – Employed
2 – Unemployed
3 – Other situation (incl. housewife, retired, handicapped pension)
4 – Student, apprentice, intern

Required input variables

a01p_etudes_4 a01p_etudes_5 a01p_etudes_6 a01p_etudes_7 a01p_etudes_8 a01p_etudes_9 a01p_etudes_10 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01p_lientyp_10 a01p_situae_4 a01p_situae_5 a01p_situae_6 a01p_situae_7 a01p_situae_8 a01p_situae_9 a01p_situae_10 a01p_situa_4 a01p_situa_5 a01p_situa_6 a01p_situa_7 a01p_situa_8 a01p_situa_9 a01p_situa_10 a01m_etudes_4 a01m_etudes_5 a01m_etudes_6 a01m_etudes_7 a01m_etudes_8 a01m_etudes_9 a01m_etudes_10 a01m_lientyp_4 a01m_lientyp_5 a01m_lientyp_6 a01m_lientyp_7 a01m_lientyp_8 a01m_lientyp_9 a01m_lientyp_10 a01m_situae_4 a01m_situae_5 a01m_situae_6 a01m_situae_7 a01m_situae_8 a01m_situae_9 a01m_situae_10 a01m_situa_4 a01m_situa_5 a01m_situa_6 a01m_situa_7 a01m_situa_8 a01m_situa_9 a01m_situa_10 a01p_congmatpar_4 a01p_congmatpar_5 a01p_congmatpar_6 a01p_congmatpar_7 a01p_congmatpar_8 a01p_congmatpar_9 a01p_congmatpar_10 a01m_congmatpar_4 a01m_congmatpar_5 a01m_congmatpar_6 a01m_congmatpar_7 a01m_congmatpar_8 a01m_congmatpar_9 a01m_congmatpar_10

SAS-code

```
proc format
Library=Library.formats;
Value father_occup_status1y
1="employed"
2="unemployed"
3="other situation (incl. housewife, retired, handicapped pension)"
4="student, apprentice, intern";
run;

data data;
set data;
father_occup_status1y = .;
%macro test;
      %do i=4 %to 10;
      if a01p_etudes_&i=1 & a01p_lientyp_&i=1 & father_occup_status1y=.
then father_occup_status1y = 4;
      if a01p_situae_&i^=. & a01p_lientyp_&i=1 & father_occup_status1y=.
then father_occup_status1y = 4;
```

```
      if a01p_situa_&i=1 & a01p_lientyp_&i=1 & father_occup_status1y=. then
father_occup_status1y = 1;
      if a01p_situa_&i=2 & a01p_lientyp_&i=1 & father_occup_status1y=. then
father_occup_status1y = 4;
      if a01p_situa_&i=3 & a01p_lientyp_&i=1 & father_occup_status1y=. then
father_occup_status1y = 2;
      if a01p_situa_&i in(4,5,6,7) & a01p_lientyp_&i=1 &
father_occup_status1y=. then father_occup_status1y = 3;
      %end;
%mend;
%test;

%macro test2;
      %do i=4 %to 10;
      if a01m_etudes_&i=1 & a01m_lientyp_&i=1 & father_occup_status1y=.
then father_occup_status1y = 4;
      if a01m_situae_&i^=. & a01m_lientyp_&i=1 & father_occup_status1y=.
then father_occup_status1y = 4;
      if a01m_situa_&i=1 & a01m_lientyp_&i=1 & father_occup_status1y=. then
father_occup_status1y = 1;
      if a01m_situa_&i=2 & a01m_lientyp_&i=1 & father_occup_status1y=. then
father_occup_status1y = 4;
      if a01m_situa_&i=3 & a01m_lientyp_&i=1 & father_occup_status1y=. then
father_occup_status1y = 2;
      if a01m_situa_&i in (4,5,6,7) & a01m_lientyp_&i=1 &
father_occup_status1y=. then father_occup_status1y = 3;
      %end;
%mend;
%test2;

%macro test3;
      %do i=4 %to 10;
      if a01p_congmatpar_&i=1 & a01p_lientyp_&i=1 & father_occup_status1y=.
then father_occup_status1y = 1;
      if a01p_congmatpar_&i=2 & a01p_lientyp_&i=1 & father_occup_status1y=.
then father_occup_status1y = 3;
      if a01p_congmatpar_&i=3 & a01p_lientyp_&i=1 & father_occup_status1y=.
then father_occup_status1y = 1;
      %end;
%mend;
%test3;

%macro test4;
      %do i=4 %to 10;
      if a01m_congmatpar_&i=1 & a01m_lientyp_&i=1 & father_occup_status1y=.
then father_occup_status1y = 1;
      if a01m_congmatpar_&i=2 & a01m_lientyp_&i=1 & father_occup_status1y=.
then father_occup_status1y = 3;
      if a01m_congmatpar_&i=3 & a01m_lientyp_&i=1 & father_occup_status1y=.
then father_occup_status1y = 1;
      %end;
%mend;
%test4;

label father_occup_status1y = "Father's occupational status, 1 year";
format father_occup_status1y father_occup_status1y.;
run;

proc freq data= data;
table father_occup_status1y;
run;
```

Father's occupational status, 1 year				
father_occup_status1y	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
employed	12777	91.52	12777	91.52
unemployed	760	5.44	13537	96.96
other situation (incl. housewife, retired, handicapped pension)	166	1.19	13703	98.15
student, apprentice, intern	258	1.85	13961	100.00
Fréquence manquante = 4368				

Citing

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MOTHER'S PARTNER OCCUPATIONAL STATUS, 2 months

Variable created by Barbara Castillo, 1th July 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

mp_occup_2m

Description

The variable indicates the occupational status of the mother's partner at the 2 months questionnaire (father or not).

Wave

2 months

Variable values

1 – Employed
2 – Unemployed
3 – Other situation (incl. housewife, retired, handicapped pension)
4 – Student, apprentice, intern

Required input variables

father_occup_status m02m_lientyp_4-6 m02m_etudes_4-6 m02m_situae_4-6 m02m_situa_4-6 m02m_congmatpar_4-6

SAS-code

```
proc format
Library=Library.formats;
Value mp_occup_2m
1="employed"
2="unemployed"
3="other situation (incl. houseman, retired, handicapped pension, sick
leave, paternity leave)"
4="student, apprentice or intern" ;
run;

data data;
set data;
mp_occup_2m=.     ;
if m02m_lientyp_4=1 then mp_occup_2m=father_occup_status;
%macro test;
      %do i=4 %to 6;
      if m02m_etudes_&i=1 & m02m_lientyp_&i=7 & mp_occup_2m=. then
mp_occup_2m=4 ;
      if m02m_situae_&i^=. & m02m_lientyp_&i=7 & mp_occup_2m=. then
mp_occup_2m=4;

      if  m02m_situa_&i=1 & m02m_lientyp_&i=7 & mp_occup_2m=. then
mp_occup_2m=1;
      if  m02m_situa_&i=2 & m02m_lientyp_&i=7 & mp_occup_2m=. then
mp_occup_2m=4;
```

```
      if  m02m_situa_&i=3 & m02m_lientyp_&i=7 & mp_occup_2m=. then
mp_occup_2m=2;
      if  m02m_situa_&i in(4,5,6,7) & m02m_lientyp_&i=7 & mp_occup_2m=.
then mp_occup_2m=3;

      if  m02m_congmatpar_&i=1 & m02m_lientyp_&i=7 & mp_occup_2m=. then
mp_occup_2m=1;
      if  m02m_congmatpar_&i=2 & m02m_lientyp_&i=7 & mp_occup_2m=. then
mp_occup_2m=3;
    if  m02m_congmatpar_&i=3 & m02m_lientyp_&i=7 & mp_occup_2m=. then
mp_occup_2m=1;
      %end;
%mend;
%test

label mp_occup_2m = "professional situation mother's partner (father or
conjoint), 2 months";
format mp_occup_2m mp_occup_2m.;
run;

proc freq data=data;
table mp_occup_2m;
run;
```

professional situation mother's partner (father or conjoint), 2 months

mp_occup_2m	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
employed	14073	90.61	14073	90.61
unemployed	861	5.54	14934	96.15
other situation (incl. houseman, retired, handicapped pension, sick leave, paternity leave)	259	1.67	15193	97.82
student, apprentice or intern	339	2.18	15532	100.00

Fréquence manquante = 2797

Citing

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MOTHER'S PARTNER OCCUPATIONAL STATUS, 1 year

Variable created by Barbara Castillo, 1th July 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

mp_occup_1y

Description

The variable indicates the occupational status of the mother's partner at the 1 year questionnaire (father or not).

Wave

1 year

Variable values

1 – Employed
2 – Unemployed
3 – Other situation (incl. housewife, retired, handicapped pension)
4 – Student, apprentice, intern

Required input variables

father_occup_status a01m_lientyp_4-6 a01m_etudes_4-6 a01m_situae_4-6 a01m_situa_4-6 a01m_congmatpar_4-6

SAS-code

```
proc format
Library=Library.formats;
Value mp_occup_1y
1="employed"
2="unemployed"
3="other situation (incl. houseman, retired, handicapped pension, sick
leave, paternity leave)"
4="student, apprentice or intern" ;
run;

data data;
set data;
mp_occup_1y=.;
%macro test;
      %do i=4 %to 10;
      if a01m_lientyp_&i=1 then mp_occup_1y=father_occup_status1y;
      if a01m_etudes_&i=1 & a01m_lientyp_&i=7 & mp_occup_1y=. then
mp_occup_1y=4;
      if a01m_situae_&i^=. & a01m_lientyp_&i=7 & mp_occup_1y=. then
mp_occup_1y=4;

      if  a01m_situa_&i=1 & a01m_lientyp_&i=7 & mp_occup_1y=. then
mp_occup_1y=1;
      if  a01m_situa_&i=2 & a01m_lientyp_&i=7 & mp_occup_1y=. then
mp_occup_1y=4;
```

```
      if  a01m_situa_&i=3 & a01m_lientyp_&i=7 & mp_occup_1y=. then
mp_occup_1y=2;
      if  a01m_situa_&i in(4,5,6,7) & a01m_lientyp_&i=7 & mp_occup_1y=.
then mp_occup_1y=3;

      if  a01m_congmatpar_&i=1 & a01m_lientyp_&i=7 & mp_occup_1y=. then
mp_occup_1y=1;
      if  a01m_congmatpar_&i=2 & a01m_lientyp_&i=7 & mp_occup_1y=. then
mp_occup_1y=3;
      if  a01m_congmatpar_&i=3 & a01m_lientyp_&i=7 & mp_occup_1y=. then
mp_occup_1y=1 ;
      %end;
%mend;
%test

label mp_occup_1y="professional situation mother's partner (father or
conjoint), 1 year";
format mp_occup_1y mp_occup_1y.;
run;

proc freq data=data;
table mp_occup_1y;
run;
```

professional situation mother's partner (father or conjoint), 1 year				
mp_occup_1y	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
employed	12726	91.57	12726	91.57
unemployed	756	5.44	13482	97.01
other situation (incl. houseman, retired, handicapped pension, sick leave, paternity leave)	160	1.15	13642	98.17
student, apprentice or intern	255	1.83	13897	100.00
Fréquence manquante = 4432				

Citing

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FATHER'S PARTNER OCCUPATIONAL STATUS, 2 months

Variable created by Barbara Castillo, 1th July 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

fp_occup_2m

Description

The variable indicates the occupational status of the father's partner at the 2 months questionnaire (mother or not).

Wave

2 months

Variable values

1 – Employed
2 – Unemployed
3 – Other situation (incl. housewife, retired, handicapped pension)
4 – Student, apprentice, intern

Required input variables

mother_occup_status m02p_lientyp_3-10 m02p_etudes_3-10 m02p_situae_3-10 m02p_situa_3-10 m02p_congmatpar_3-10

SAS-code

```
proc format
Library=Library.formats;
Value fp_occup_2m
1="employed"
2="unemployed"
3="other situation (incl. houseman, retired, handicapped pension, sick
leave, paternity leave)"
4="student, apprentice or intern" ;
run;
data data;
set data;
fp_occup_2m=.;
%macro test;
      %do i=3 %to 10;
      if m02p_lientyp_&i=2 then fp_occup_2m=mother_occup_status;
      if m02p_etudes_&i=1 & m02p_lientyp_&i=7 & fp_occup_2m=. then
fp_occup_2m=4;
      if m02p_situae_&i^=. & m02p_lientyp_&i=7 & fp_occup_2m=. then
fp_occup_2m=4;

      if  m02p_situa_&i=1 & m02p_lientyp_&i=7 & fp_occup_2m=. then
fp_occup_2m=1;
      if  m02p_situa_&i=2 & m02p_lientyp_&i=7 & fp_occup_2m=. then
fp_occup_2m=4;
```

```
      if  m02p_situa_&i=3 & m02p_lientyp_&i=7 & fp_occup_2m=. then
fp_occup_2m=2;
      if  m02p_situa_&i in(4,5,6,7) & m02p_lientyp_&i=7 & fp_occup_2m=.
then fp_occup_2m=3;

      if  m02p_congmatpar_&i=1 & m02p_lientyp_&i=7 & fp_occup_2m=. then
fp_occup_2m=1;
      if  m02p_congmatpar_&i=2 & m02p_lientyp_&i=7 & fp_occup_2m=. then
fp_occup_2m=3;
      if  m02p_congmatpar_&i=3 & m02p_lientyp_&i=7 & fp_occup_2m=. then
fp_occup_2m=1;
      %end;
%mend;
%test;

label fp_occup_2m = "professional situation father's partner (mother or
conjoint), 2 months";
format fp_occup_2m fp_occup_2m.;
run;

proc freq data=data;
table fp_occup_2m;
run;
```

professional situation father's partner (mother or conjoint), 2 months				
fp_occup_2m	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
employed	9661	75.60	9661	75.60
unemployed	1374	10.75	11035	86.35
other situation (incl. houseman, retired, handicapped pension, sick leave, paternity leave)	1305	10.21	12340	96.56
student, apprentice or intern	439	3.44	12779	100.00
Fréquence manquante = 5550				

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FATHER'S PARTNER OCCUPATIONAL STATUS, 1 year

Variable created by Barbara Castillo, 1th July 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

fp_occup_1y

Description

The variable indicates the occupational status of the father's partner at the 1 year questionnaire (mother or not).

Wave

1 year

Variable values

1 – Employed
2 – Unemployed
3 – Other situation (incl. housewife, retired, handicapped pension)
4 – Student, apprentice, intern

Required input variables

mother_occup_status a01p_lientyp_4-10 a01p_etudes_4-10 a01p_situae_4-10 a01p_situa_4-10 a01p_congmatpar_4-10

SAS-code

```
proc format
Library=Library.formats;
Value fp_occup_1y
1="employed"
2="unemployed"
3="other situation (incl. houseman, retired, handicapped pension, sick
leave, paternity leave)"
4="student, apprentice or intern" ;
run;

data data;
set data;
fp_occup_1y=.;
%Macro test;
      %do i=3 %to 10;
            if  a01p_lientyp_&i=2 then fp_occup_1y=mother_occup_status1y;
            if  a01p_etudes_&i=1 & a01p_lientyp_&i=7 & fp_occup_1y=. then
fp_occup_1y=4;
            if  a01p_situae_&i^=. & a01p_lientyp_&i=7 & fp_occup_1y=. then
fp_occup_1y=4;
            if  a01p_situa_&i=1 & a01p_lientyp_&i=7 & fp_occup_1y=. then
fp_occup_1y=1;
            if  a01p_situa_&i=2 & a01p_lientyp_&i=7 & fp_occup_1y=. then
fp_occup_1y=4;
```

```
            if  a01p_situa_&i=3 & a01p_lientyp_&i=7 & fp_occup_1y=. then
fp_occup_1y=2;
            if  a01p_situa_&i in (4,5,6,7) & a01p_lientyp_&i=7 &
fp_occup_1y=. then fp_occup_1y=3;

            if  a01p_congmatpar_&i=1 & a01p_lientyp_&i=7 & fp_occup_1y=.
then fp_occup_1y=1;
            if  a01p_congmatpar_&i=2 & a01p_lientyp_&i=7 & fp_occup_1y=.
then fp_occup_1y=3;
            if  a01p_congmatpar_&i=3 & a01p_lientyp_&i=7 & fp_occup_1y=.
then fp_occup_1y=1;
      %end;
%Mend;
%test;

label fp_occup_1y = "professional situation father's partner (mother or
conjoint), 1 year";
format fp_occup_1y fp_occup_1y.;
run;

proc freq data=data;
table fp_occup_1y;
run;
```

professional situation father's partner (mother or conjoint), 1 year				
fp_occup_1y	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
employed	9008	79.13	9008	79.13
unemployed	981	8.62	9989	87.75
other situation (incl. houseman, retired, handicapped pension, sick leave, paternity leave)	1041	9.14	11030	96.89
student, apprentice or intern	354	3.11	11384	100.00
Fréquence manquante = 6945				

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PARENTS EMPLOYMENT STATUS, 2 months

Variable created by Barbara Castillo, 1th July 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

p_emp_2m

Description

The variable indicates if parents are employed or unemployed

Wave

2 months

Variable values

1 – At least one parent not working
2 – Both parents not working
3 – Both parents working

Required input variables

Mother_occup_status father_occup_status child_hhld

SAS-code

```
proc format
Library=Library.formats;
Value p_emp_2m
1="At least one parent not working"
2="Both parents not working"
3="Both parents working";
run;

Data data;
set data;
p_emp_2m = .;
if mother_occup_status in(2,3,4) | father_occup_status in(2,3,4) then
p_emp_2m = 1;
if mother_occup_status in(2,3,4) & father_occup_status in(2,3,4) then
p_emp_2m = 2;
if mother_occup_status=1 & father_occup_status=1 then p_emp_2m = 3;
if mother_occup_status in(2,3,4) & child_hhld=2 & p_emp_2m=. then p_emp_2m
= 2;
if mother_occup_status=1 & child_hhld=2 & p_emp_2m=. then p_emp_2m = 3;
if father_occup_status in(2,3,4) & child_hhld=3 & p_emp_2m=. then p_emp_2m
= 2;
if father_occup_status=1 & child_hhld=3 & p_emp_2m=. then p_emp_2m = 3;
label p_emp_2m = "Parents employment status, 2 months";
format p_emp_2m p_emp_2m.;
run;

proc freq data=data;
table p_emp_2m;
run;
```

Parents employment status, 2 months				
p_emp_2m	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
At least one parent not working	4911	29.48	4911	29.48
Both parents not working	858	5.15	5769	34.63
Both parents working	10889	65.37	16658	100.00
Fréquence manquante = 1671				

Citing

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PARENTS EMPLOYMENT STATUS, 1 year

Variable created by Barbara Castillo, 1th July 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

p_emp_1y

Description

The variable indicates if parents are employed or unemployed

Wave

1 year

Variable values

1 – At least one parent not working
2 – Both parents not working
3 – Both parents working

Required input variables

Mother_occup_status1y father_occup_status1y child_hhld1y

SAS-code

```
proc format
Library=Library.formats;
Value p_emp_1y
1="At least one parent not working"
2="Both parents not working"
3="Both parents working";
run;

data data;
set data;
p_emp_1y = .;
if mother_occup_status1y in (2,3,4) | father_occup_status1y in(2,3,4) then
p_emp_1y = 1;
if mother_occup_status1y in(2,3,4) & father_occup_status1y in(2,3,4) then
p_emp_1y = 2;
if mother_occup_status1y=1 & father_occup_status1y=1 then p_emp_1y = 3;
if mother_occup_status1y in (2,3,4) & child_hhld1y=2 & p_emp_1y=. then
p_emp_1y = 2;
if mother_occup_status1y=1 & child_hhld1y=2 & p_emp_1y=. then p_emp_1y = 3;
if father_occup_status1y in (2,3,4) & child_hhld1y=3 & p_emp_1y=. then
p_emp_1y = 2;
if father_occup_status1y=1 & child_hhld1y=3 & p_emp_1y=. then p_emp_1y = 3;
label p_emp_1y = "Parents employment status, 1 year";
format p_emp_1y p_emp_1y.;
run;

proc freq data=data;
table p_emp_1y;
run;
```

Parents employment status, 1 year				
p_emp_1y	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
At least one parent not working	3807	26.10	3807	26.10
Both parents not working	494	3.39	4301	29.49
Both parents working	10284	70.51	14585	100.00
Fréquence manquante = 3744				

Citing

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HOUSEHOLD COHABITING COUPLE EMPLOYMENT STATUS, 2 months

Variable created by Barbara Castillo, 1th July 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

c_emp_2m

Description

The variable indicates if the cohabiting couple of the household is working or not. We keep child's household as reference such that if the child is living with the father and the mother is not in the household, then we identify the occupational status of the father and his current partner at 2 months questionnaire

Wave

2 months

Variable values

1 – At least one couple member not working
2 – Both not working
3 – Both working

Required input variables

Mother_occup_status father_occup_status child_hhld mp_occup_2m fp_occup_2m

SAS-code

```
proc format
Library=Library.formats;
Value c_emp_2m
1="At least one parent not working"
2="Both parents not working"
3="Both parents working";
run;

data data;
set data;
c_emp_2m = .;
if (mother_occup_status in(2,3,4) | father_occup_status in(2,3,4)) &
child_hhld in(1,4,5,6) then c_emp_2m = 1;
if mother_occup_status in(2,3,4) & father_occup_status in(2,3,4) &
child_hhld in(1,4,5,6) then c_emp_2m = 2;
if mother_occup_status=1 & father_occup_status=1 & child_hhld in(1,4,5,6)
then c_emp_2m = 3;
if mother_occup_status in(2,3,4) & mp_occup_2m in(2,3,4) & child_hhld in(2)
& c_emp_2m=. then c_emp_2m = 2;
if (mother_occup_status in (2,3,4) | mp_occup_2m in(2,3,4)) & child_hhld
in(2) & c_emp_2m=. then c_emp_2m = 1;
if mother_occup_status=1 & mp_occup_2m=1 & child_hhld in(2) & c_emp_2m=.
then c_emp_2m = 3;
```

```
if fp_occup_2m in(2,3,4) & father_occup_status in (2,3,4) & child_hhld
in(3) & c_emp_2m=. then c_emp_2m = 2;
if (fp_occup_2m in(2,3,4) | father_occup_status in(2,3,4)) & child_hhld
in(3) & c_emp_2m=. then c_emp_2m = 1;
if fp_occup_2m=1 & father_occup_status=1 & child_hhld=3 & c_emp_2m=. then
c_emp_2m = 3;
label c_emp_2m = "Household cohabiting couple employment status, 2 months";
format c_emp_2m c_emp_2m.;
run;

proc freq data=data;
table c_emp_2m;
run;
```

Household cohabiting couple employment status, 2 months				
c_emp_2m	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
At least one parent not working	4761	29.65	4761	29.65
Both parents not working	703	4.38	5464	34.03
Both parents working	10594	65.97	16058	100.00
Fréquence manquante = 2271				

Citing

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HOUSEHOLD COHABITING COUPLE EMPLOYMENT STATUS, 1 year

Variable created by Barbara Castillo, 1th July 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

c_emp_1y

Description

The variable indicates if the cohabiting couple of the household is working or not. We keep child's household as reference such that if the child is living with the father and the mother is not in the household, then we identify the occupational status of the father and his current partner at 1 year questionnaire

Wave

1 year

Variable values

1 – At least one couple member not working
2 – Both not working
3 – Both working

Required input variables

Mother_occup_status1y father_occup_status1y child_hhld1y mp_occup_1y fp_occup_1y

SAS-code

```
proc format
Library=Library.formats;
Value c_emp_1y
1="At least one parent not working"
2="Both parents not working"
3="Both parents working";
run;

data data;
set data;
c_emp_1y = .;
if (mother_occup_status1y in(2,3,4) | father_occup_status1y in(2,3,4)) &
child_hhld1y in(1,4,5,6) then c_emp_1y = 1;
if mother_occup_status1y in(2,3,4) & father_occup_status1y in(2,3,4) &
child_hhld1y in(1,4,5,6) then c_emp_1y = 2;
if mother_occup_status1y=1 & father_occup_status1y=1 & child_hhld1y
in(1,4,5,6) then c_emp_1y = 3;

if mother_occup_status1y in(2,3,4) & mp_occup_1y in(2,3,4) & child_hhld1y
in(2) & c_emp_1y=. then c_emp_1y = 2;
if (mother_occup_status1y in(2,3,4) | mp_occup_1y in(2,3,4)) & child_hhld1y
in(2) & c_emp_1y=. then c_emp_1y = 1;
if mother_occup_status1y=1 & mp_occup_1y=1 & child_hhld1y in(2) &
c_emp_1y=. then c_emp_1y = 3;
```

```
if fp_occup_1y in(2,3,4) & father_occup_status1y in(2,3,4) & child_hhld1y
in(3) & c_emp_1y=. then c_emp_1y = 2;
if (fp_occup_1y in(2,3,4) | father_occup_status1y in(2,3,4)) & child_hhld1y
in(3) & c_emp_1y=. then c_emp_1y = 1;
if fp_occup_1y=1 & father_occup_status1y=1 & child_hhld1y in(3) &
c_emp_1y=. then c_emp_1y = 3;

label c_emp_1y = "Household cohabiting couple employment status, 1 year";
format c_emp_1y c_emp_1y.;
run;

proc freq data=data;
table c_emp_1y;
run;
```

Household cohabiting couple employment status, 1 year				
c_emp_1y	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
At least one parent not working	3745	26.29	3745	26.29
Both parents not working	477	3.35	4222	29.64
Both parents working	10021	70.36	14243	100.00
Fréquence manquante = 4086				

Citing

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PROFESSIONAL CATEGORY OF THE MOTHER, 2 months

Variable created by Marieke Heers, 3rd July 2015
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

professional_category

Description

The variable indicates if the mother is privately, publicly or self-employed.

Wave

2 months

Variable values

1 – Privately employed
2 – Publicly employed
3 – Self-employed
4 – Other

Required input variables

M02M_STATUT1_3 M02M_STATUT2_3 M02P_STATUT1_3 M02P_STATUT1_4 M02P_STATUT1_5 M02P_STATUT1_6 M02P_STATUT1_7 M02P_STATUT1_8 M02P_STATUT1_9 M02P_STATUT1_10 M02P_STATUT2_3 M02P_STATUT2_4 M02P_STATUT2_5 M02P_STATUT2_6 M02P_STATUT2_7 M02P_STATUT2_8 M02P_STATUT2_9 M02P_STATUT2_10 M02P_LIENTYP_3 M02P_LIENTYP_4 M02P_LIENTYP_5 M02P_LIENTYP_6 M02P_LIENTYP_7 M02P_LIENTYP_8 M02P_LIENTYP_9 M02P_LIENTYP_10

SAS-code

```
proc format
Library=Library.formats;
Value professional_category
1="privately employed"
2="publicly employed"
3="self-employed"
4="other";
run;

data data;
set data;
professional_category=.;
if m02m_statut1_3=1 &  m02m_statut2_3=1 then professional_category=1;
if m02m_statut1_3=1 &  m02m_statut2_3=2 then professional_category=2;
if m02m_statut1_3=2 then professional_category=3;
if m02m_statut1_3=3 then  professional_category=4;

%macro test;
      %do i=3 %to 10;
            if m02p_statut1_&i=1 & m02p_statut2_&i=1 & m02p_lientyp_&i=2 &
professional_category=. then professional_category=1;
            if m02p_statut1_&i=1 & m02p_statut2_&i=2 & m02p_lientyp_&i=2 &
professional_category=. then professional_category=2;
```

```
            if m02p_statut1_&i=2 & m02p_lientyp_&i=2 &
professional_category=. then professional_category=3;
            if m02p_statut1_&i=3 & m02p_lientyp_&i=2 &
professional_category=. then professional_category=4;
      %end;
%mend;
%test;
label professional_category = "professional category of the mother, 2
months";
format professional_category professional_category.;
run;

proc freq data=data;
table professional_category;
run;
```

professional category of the mother, 2 months

professional_category	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
privately employed	9857	62.18	9857	62.18
publicly employed	5115	32.27	14972	94.44
self-employed	855	5.39	15827	99.84
other	26	0.16	15853	100.00

Fréquence manquante = 2476

Citing

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PROFESSIONAL CATEGORY OF THE MOTHER, 1 year

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

prof_cat_1y

Description

The variable indicates if the mother is privately, publicly or self-employed.

Wave

1 year

Variable values

1 – Privately employed
2 – Publicly employed
3 – Self-employed
4 – Other

Required input variables

a01m_statut1_3 a01m_statut2_3 a01p_statut1_3 a01p_statut1_4 a01p_statut1_5 a01p_statut1_6 a01p_statut1_7 a01p_statut1_8 a01p_statut1_9 a01p_statut1_10 a01p_lientyp_3 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01p_lientyp_10 a01p_statut2_3 a01p_statut2_4 a01p_statut2_5 a01p_statut2_6 a01p_statut2_7 a01p_statut2_8 a01p_statut2_9 a01p_statut2_10

SAS-code

```
proc format
Library=Library.formats;
Value prof_cat_1y
1="privately employed"
2="publicly employed"
3="self-employed"
4="other";
run;

data data;
set data;
prof_cat_1y=.;
if a01m_statut1_3=1 &  a01m_statut2_3=1 then prof_cat_1y=1;
if a01m_statut1_3=1 &  a01m_statut2_3=2 then prof_cat_1y=2;
if a01m_statut1_3=2  then prof_cat_1y=3;
if a01m_statut1_3=3 then prof_cat_1y=4;

%macro test;
      %do i= 3 %to 10;
      if a01p_statut1_&i=1 & a01p_statut2_&i=1 & a01p_lientyp_&i=2 &
prof_cat_1y=. then prof_cat_1y=1;
      if a01p_statut1_&i=1 & a01p_statut2_&i=2 & a01p_lientyp_&i=2 &
prof_cat_1y=. then prof_cat_1y=2;
      if a01p_statut1_&i=2 & a01p_lientyp_&i=2 & prof_cat_1y=. then
prof_cat_1y=3;
```

```
      if a01p_statut1_&i=3 & a01p_lientyp_&i=2 & prof_cat_1y=. then
prof_cat_1y=4;
      %end;
%mend;
%test;

label prof_cat_1y="professional category of the mother, 1 year";
format prof_cat_1y prof_cat_1y.;
run;

proc freq data=data;
table prof_cat_1y;
run;
```

professional category of the mother, 1 year

prof_cat_1y	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
privately employed	8706	61.50	8706	61.50
publicly employed	4553	32.16	13259	93.66
self-employed	881	6.22	14140	99.89
other	16	0.11	14156	100.00

Fréquence manquante = 4173

Citing

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SELF-EMPLOYMENT (MOTHER), 2 months

Variable created by Marieke Heers, 3rd July 2015
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

self_employed

Description

The variable indicates if the mother is self-employed. Indépendant ou à son compte, profession libérale, chef d'entreprise salarié, PDG, gérant(e) minoritaire, associé(e)

Wave

2 months

Variable values-

0 – No
1 – Yes

Required input variables

M02M_STATUT1_3 M02M_STATUT2_3 M02P_STATUT1_3 M02P_STATUT1_4 M02P_STATUT1_5 M02P_STATUT1_6 M02P_STATUT1_7 M02P_STATUT1_8 M02P_STATUT1_9 M02P_STATUT1_10 M02P_STATUT2_3 M02P_STATUT2_4 M02P_STATUT2_5 M02P_STATUT2_6 M02P_STATUT2_7 M02P_STATUT2_8 M02P_STATUT2_9 M02P_STATUT2_10 M02P_LIENTYP_3 M02P_LIENTYP_4 M02P_LIENTYP_5 M02P_LIENTYP_6 M02P_LIENTYP_7 M02P_LIENTYP_8 M02P_LIENTYP_9 M02P_LIENTYP_10

Comments

Categories in French: Indépendant ou à son compte, profession libérale, chef d'entreprise salarié, PDG, gérant(e) minoritaire, associé.

SAS-code

*we first construct professional_category

```
data data;
set data;
professional_category=.;
if m02m_statut1_3=1 &  m02m_statut2_3=1 then professional_category=1;
if m02m_statut1_3=1 &  m02m_statut2_3=2 then professional_category=2;
if m02m_statut1_3=2 then professional_category=3;
if m02m_statut1_3=3 then  professional_category=4;

%macro test;
      %do i=3 %to 10;
            if m02p_statut1_&i=1 & m02p_statut2_&i=1 & m02p_lientyp_&i=2 &
professional_category=. then professional_category=1;
            if m02p_statut1_&i=1 & m02p_statut2_&i=2 & m02p_lientyp_&i=2 &
professional_category=. then professional_category=2;
            if m02p_statut1_&i=2 & m02p_lientyp_&i=2 &
professional_category=. then professional_category=3;
```

```
            if m02p_statut1_&i=3 & m02p_lientyp_&i=2 &
professional_category=. then professional_category=4;
      %end;
%mend;
%test;
label professional_category = "professional category of the mother, 2
months";
format professional_category professional_category.;
run;
```

*we then construct self_employed

```
proc format
library=Library.formats;
Value self_employed
0="no"
1="yes";
run;


data data;
set data;
self_employed=.;
if professional_category=3 then self_employed=1;
if professional_category in (1,2,4)then self_employed=0 ;
label self_employed = "mother self-employed, 2 months";
format self_employed self_employed.;
run;

proc freq data=data;
table self_employed;
run;
```

mother self-employed, 2 months

self_employed	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
no	14998	94.61	14998	94.61
yes	855	5.39	15853	100.00

Fréquence manquante = 2476

Citing

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SELF-EMPLOYMENT (MOTHER), 1 year

Variable created by Barbara Castillo 8th January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

self_emp_1y

Description

The variable indicates if the mother is self-employed. Indépendant ou à son compte, profession libérale, chef d'entreprise salarié, PDG, gérant(e) minoritaire, associé(e)

Wave

1 year

Variable values-

0 – No
1 – Yes

Required input variables

a01m_statut1_3 a01m_statut2_3 a01p_statut1_3 a01p_statut1_4 a01p_statut1_5 a01p_statut1_6 a01p_statut1_7 a01p_statut1_8 a01p_statut1_9 a01p_statut1_10 a01p_lientyp_3 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01p_lientyp_10 a01p_statut2_3 a01p_statut2_4 a01p_statut2_5 a01p_statut2_6 a01p_statut2_7 a01p_statut2_8 a01p_statut2_9 a01p_statut2_10

Comments

Categories in French: Indépendant ou à son compte, profession libérale, chef d'entreprise salarié, PDG, gérant(e) minoritaire, associé.

SAS-code

*we first construct professional category

```
data data;
set data;
prof_cat_1y=.;
if a01m_statut1_3=1 &  a01m_statut2_3=1 then prof_cat_1y=1;
if a01m_statut1_3=1 &  a01m_statut2_3=2 then prof_cat_1y=2;
if a01m_statut1_3=2  then prof_cat_1y=3;
if a01m_statut1_3=3 then prof_cat_1y=4;

%macro test;
      %do i= 3 %to 10;
      if a01p_statut1_&i=1 & a01p_statut2_&i=1 & a01p_lientyp_&i=2 &
prof_cat_1y=. then prof_cat_1y=1;
      if a01p_statut1_&i=1 & a01p_statut2_&i=2 & a01p_lientyp_&i=2 &
prof_cat_1y=. then prof_cat_1y=2;
      if a01p_statut1_&i=2 & a01p_lientyp_&i=2 & prof_cat_1y=. then
prof_cat_1y=3;
      if a01p_statut1_&i=3 & a01p_lientyp_&i=2 & prof_cat_1y=. then
prof_cat_1y=4;
```

```
      %end;
%mend;
%test;

label prof_cat_1y="professional category of the mother, 1 year";
format prof_cat_1y prof_cat_1y.;
run;
```

*we then construct self_employed

```
/*3.12 Self-employment (mother), 1 year*/
/* we need prof_cat_1y*/
proc format
Library= Library.formats;
Value self_emp_1y
0="no"
1="yes"
run;

data data;
set data;
self_emp_1y=.;
if prof_cat_1y=3 then self_emp_1y=1 ;
if prof_cat_1y in(1,2,4) then self_emp_1y=0;
label self_emp_1y = "mother self-employed, 1 year";
format self_emp_1y self_emp_1y.;
run;

proc freq data = data;
table self_emp_1y;
run;
```

mother self-employed, 1 year

self_emp_1y	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
no	13275	93.78	13275	93.78
yes	881	6.22	14156	100.00

Fréquence manquante = 4173

Citing

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MOTHER WORKING PART-TIME, 2 months

Variable created by Marieke Heers and Barbara Castillo, 22th December 2015
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

mother_work_parttime

Description

The variable indicated if the mother is working part-time or not.

Wave

2 months

Variable values

0 – No
1 – Yes

Required input variables

M02M_EMPL_3 M02P_EMPL_3 M02P_EMPL_4 M02P_EMPL_5 M02P_EMPL_6 M02P_EMPL_7 M02P_EMPL_8 M02P_EMPL_9 M02P_EMPL_10 M02P_LIENTYP_3 M02P_LIENTYP_4 M02P_LIENTYP_5 M02P_LIENTYP_6 M02P_LIENTYP_7 M02P_LIENTYP_8 M02P_LIENTYP_9 M02P_LIENTYP_10

SAS-code

```
proc format
Library= Library.formats;
Value mother_work_parttime
0="no"
1="yes" ;
run;

data data;
set data;
mother_work_parttime=.;
if m02m_empl_3 in(2) then mother_work_parttime=1;
if m02m_empl_3 in (1) then mother_work_parttime=0;
%macro test;
      %do i=3 %to 10;
      if m02p_empl_&i=2 & m02p_lientyp_&i=2 & mother_work_parttime=. then
mother_work_parttime=1;
      if m02p_empl_&i=1 & m02p_lientyp_&i=2 & mother_work_parttime=. then
mother_work_parttime=0;
      %end;
%mend;
%test;
label mother_work_parttime = "mother working parttime, 2 months";
format mother_work_parttime mother_work_parttime.;
run;

proc freq data=data;
table mother_work_parttime;
run;
```

mother working parttime, 2 months				
mother_work_parttime	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
no	2515	98.36	2515	98.36
yes	42	1.64	2557	100.00
Fréquence manquante = 15772				

Citing

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MOTHER WORKING PART-TIME, 1 year

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

m_parttime_1y

Description

The variable indicated if the mother is working part-time or not.

Wave

1 year

Variable values

0 – No
1 – Yes

Required input variables

a01m_empl_3 a01p_empl_3 a01p_empl_4 a01p_empl_5 a01p_empl_6 a01p_empl_7 a01p_empl_8 a01p_empl_9 a01p_empl_10 a01p_lientyp_3 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01p_lientyp_10

SAS-code

```
proc format
Library= Library.formats;
Value m_parttime_1y
0="no"
1="yes" ;
run;

data data;
set data;
m_parttime_1y=.;
if a01m_empl_3 in(2) then m_parttime_1y=1;
if a01m_empl_3 in(1) then m_parttime_1y=0;

%macro test;
      %do i=3 %to 10;
      if a01p_empl_&i=2 & a01p_lientyp_&i=2 & m_parttime_1y=. then
m_parttime_1y=1;
      if a01p_empl_&i=1 & a01p_lientyp_&i=2 & m_parttime_1y=. then
m_parttime_1y=0;
      %end;
%mend;
%test;

label m_parttime_1y = "mother working parttime, 1 year";
format m_parttime_1y m_parttime_1y.;
run;
```

```
proc freq data=data;
table m_parttime_1y;
run;
```

mother working parttime, 1 year				
m_parttime_1y	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
no	6847	60.89	6847	60.89
yes	4397	39.11	11244	100.00
Fréquence manquante = 7085				

Citing

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MOTHER WORKING AT NIGHT, 2 months

Variable created by Marieke Heers, 28th July 2015
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

mother_work_night

Description

The variable indicates if the mother is working at night.

Wave

2 months

Variable values

0 – No
1 – Yes

Required input variables

M02M_WNUIT

SAS-code

```
proc format
Library=Library.formats;
Value mother_work_night
0="no"
1="yes" ;
run;

data data;
set data;
mother_work_night=.;
if m02m_wnuit=2 then mother_work_night=0;
if m02m_wnuit=1 then mother_work_night =1;
label mother_work_night = "mother works at night, 2 months";
format mother_work_night mother_work_night.;
run;

proc freq data=data;
table mother_work_night;
run;
```

mother works at night, 2 months				
mother_work_night	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
no	9700	91.80	9700	91.80
yes	866	8.20	10566	100.00
Fréquence manquante = 7763				

Citing

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MOTHER FIXED WORKPLACE DURING THE PREGNANCY

Variable created by Marieke Heers, 28th July 2015
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

fixed_workplace_preg

Description

The variable indicates if the mother had a fixed workplace during the pregnancy.

Wave

2 months

Variable values

0 – No
1 – Yes

Required input variables

M02M_RFIX

SAS-code

```
proc format
Library=Library.formats;
Value fixed_workplace_preg
0="no"
1="yes" ;
run;

data data;
set data;
fixed_workplace_preg=.;
if m02m_rfix=2 then fixed_workplace_preg=0;
if m02m_rfix=1 then fixed_workplace_preg=1;

label fixed_workplace_preg = "fixed workplace during pregnancy";
format fixed_workplace_preg fixed_workplace_preg.;
run;

proc freq data=data;
table fixed_workplace_preg;
run;
```

fixed workplace during pregnancy				
fixed_workplace_preg	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
no	1540	12.24	1540	12.24
yes	11044	87.76	12584	100.00
Fréquence manquante = 5745				

Citing

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MOTHER WORKING AT HOME DURING THE PREGNANCY

Variable created by Marieke Heers, 28th July 2015
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

work_home_preg

Description

The variable indicates if the mother was working at home during the pregnancy, taking into account if she had a fixed workplace during the pregnancy.

Wave

2 months

Variable values

0 – No
1 – Yes

Required input variables

M02M_TRGRDOM M02M_RFIX

SAS-code

```
proc format
Library=Library.formats;
Value work_home_preg
0="no"
1="yes" ;
run;

data data;
set data;
work_home_preg=.;
if m02m_trgrdom=2 then work_home_preg=0;
if m02m_trgrdom=1 then work_home_preg=1;
if m02m_rfix=2 & work_home_preg=. then work_home_preg=0;

label work_home_preg = "working from home during the pregnancy";
format work_home_preg work_home_preg.;
run;

proc freq data=data;
table work_home_preg;
run;
```

working from home during the pregnancy

work_home_preg	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
no	12120	96.31	12120	96.31
yes	464	3.69	12584	100.00

Fréquence manquante = 5745

Citing

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MOTHER'S PROFESSIONAL OUTLOOK

Variable created by Marieke Heers, 18th June 2015
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

professional_outlook_mother

Description

The variable indicates the mother's current or expected job level when returning to work after the birth of the child in comparison to the situation before.

Wave

2 months

Variable values

1 – Working
2 – Unemployed
3 – Inactive

Required input variables

M02M_SITU

SAS-code

```
proc format
Library=Library.formats;
Value professional_outlook_mother
1="working"
2="unemployed"
3="Inactive";
run;

data data;
set data;
professional_outlook_mother=.;
if m02m_situ in(1, 2, 3) then professional_outlook_mother=1;
if m02m_situ in(4, 6) then professional_outlook_mother=2;
if m02m_situ in(5, 7, 8) then professional_outlook_mother=3;

label professional_outlook_mother = "Mother's professional aim at short
term, 2 months";
format professional_outlook_mother professional_outlook_mother.;
run;

proc freq data=data;
table professional_outlook_mother;
run;
```

Mother's professional aim at short term, 2 months				
professional_outlook_mother	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
working	6111	61.36	6111	61.36
unemployed	1232	12.37	7343	73.72
Inactive	2617	26.28	9960	100.00
Fréquence manquante = 8369				

Citing

Please refer to this website for referencing when using this code: In the reference list:

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3.4. Financial situation of the household

INCOME PER HOUSEHOLD MEMBER (INCOME, DISPOSABLE INCOME, QUANTILES AND DECILES), 2 months

Variable created by Maxime Tô, Lidia Panico and Barbara Castillo, 22th December 2015
SAS Code created by Khaled Ben Jemaa, April 10th 2017

Variable name

revenu_part, revenu_part_sq

Description

The variable indicates the household income per household member.

Wave

2 months

Variable values

continuous

Required input variables

M02M_DATINTA M02M_VAGUE M02M_ANAIS_3 M02M_ANAIS_4 M02M_ANAIS_5 M02M_ANAIS_6 M02M_ANAIS_7 M02M_ANAIS_8 M02M_ANAIS_9 M02M_ANAIS_10 M02M_ANAIS_11 M02M_ANAIS_12 M00M2_NAIS M02M_SALMON M02M_SALMONC M02P_SALMON M02P_SALMONC M02P_TOTREVEN M02M_TOTREVEN M02P_SALMONP M02M_SALMONP M02P_SALMONCP M02M_SALMONCP M02P_LIENTYP_3 M02P_LIENTYP_4 M02P_LIENTYP_5 M02P_LIENTYP_6 M02P_LIENTYP_7 M02P_LIENTYP_8 M02P_LIENTYP_9 M02P_LIENTYP_10 m02m_loyer m02p_loyer m02m_imom m02p_imom m02m_imoan m02p_imoan

Comments

This variable is based on the OECD equalized income-scale adopted by EUROSTAT in the late 1990s. This scale was first proposed by Haagenars et al. (1994) source: http://epp.eurostat.ec.europa.eu/statistics_explained/index.php/Glossary:Equivalised_income

It is a measure of household income that takes account of the differences in a household's size and composition, and thus it is made equivalent for all household sizes and compositions. It is used for the calculation of poverty and social exclusion indicators. The equalized income is calculated by dividing the household ŷ total income by its equivalent size, which is calculated using the modified OECD equivalence scale. This scale attributes a weight to all members of the household:
* -- 1.0 to the first adult;
* -- 0.5 to the second and each subsequent person aged 14 and over;
* -- 0.3 to each child aged under 14.

The equivalent size is the sum of the weights of all the members of a given household.

SAS-code

```
data data;
set data;
if m02m_vague < 3 then m02m_datinta = 2011;
```

```
if m02m_vague=4 then m02m_datinta = 2012;
if m02m_datinta=. & m02m_vague=3 then m02m_datinta=(2011+int((2012-
2011+1)*rand("Uniform")));  /*randomly assigned 2011,2012 if wave 3*/

%macro test;
      %do i=3 %to 12;
      if m02m_anais_&i=9999 | m02m_anais_&i = 8888  then m02m_anais_&i = .;
      if m02m_anais_&i ^=. then parts_&i = 0.5 *(m02m_datinta -
m02m_anais_&i>= 14) + .3 *(m02m_datinta - m02m_anais_&i< 14);
      if m02m_anais_&i=. then parts_&i = 0;
      %end;
%mend;
%test;

parts_tot = 0.5 + 0.3 + (m00m2_nais = 1)*.3 + parts_3 + parts_4 + parts_5 +
parts_6 + parts_7 + parts_8 + parts_9 + parts_10 + parts_11 + parts_12;
if parts_tot<1.2 then parts_tot = .;  /*minumum value is one adult + the
baby 1.3. missing values are wrongly generated with the parts_tot
statement. then we correct*/

data data;
set data;
if m02m_salmon=99999 or m02m_salmon=88888 then m02m_salmon=.;
if m02m_salmonc=99999 or m02m_salmonc=88888 then m02m_salmonc=.;
if m02p_salmon=99999 or m02p_salmon=88888 then m02p_salmon=.;
if m02p_salmonc=99999 or m02p_salmonc=88888 then m02p_salmonc=.;
if m02p_totreven=99999 or m02p_totreven=88888 then m02p_totreven=.;
if m02m_totreven=99999 or m02m_totreven=88888 then m02m_totreven=.;

if m02p_salmonp=9 or m02p_salmonp=8 then m02p_salmonp=.;
if m02m_salmonp=9 or m02m_salmonp=8 then m02m_salmonp=.;
if m02p_salmoncp=9 or m02p_salmoncp=8 then m02p_salmoncp=.;
if m02m_salmoncp=9 or m02m_salmoncp=8 then m02m_salmoncp=.;

if m02m_salmonp=2 then m02m_salmon = (m02m_salmon/12);  /*making it
monthly*/
if m02m_salmoncp=2 then m02m_salmonc = (m02m_salmonc/12);
if m02p_salmonp=2 then m02p_salmon = (m02p_salmon/12);
if m02p_salmoncp=2 then m02p_salmonc = (m02p_salmonc/12);

revenu = m02m_totreven;
%macro test2;
      %do i=3 %to 10;
      if revenu=. & m02p_lientyp_&i=2 then revenu = m02p_totreven;
      %end;
%mend;
%test2;

if revenu=. then revenu = (m02m_salmon+m02m_salmonc);

%macro test3;
      %do i=3 %to 10;
      if revenu=. & m02p_lientyp_&i=2 then revenu =
(m02p_salmon+m02p_salmonc);
      %end;
%mend;
%test3;

if m02m_salmonc=. & m02p_salmon=. & m02p_salmonc=. & revenu=. then revenu =
m02m_salmon; /*if only the mother works and it is the only info*/
```

```
if m02m_salmon=. & m02p_salmon=. & m02p_salmonc=. & revenu=. then revenu =
m02m_salmonc;  /*if only the mother' partner works and it is the only
info*/

%macro test4;
      %do i=3 %to 10;
      if m02p_salmonc=. & m02m_salmon=. & m02m_salmonc=. & revenu=. &
m02p_lientyp_&i=2 then revenu = m02p_salmon; /*if only the father works, he
lives in couple with the mother and it is the only info*/
      if m02p_salmonc=. & m02m_salmon=. & m02m_salmonc=. & revenu=. &
m02p_lientyp_&i=2 then revenu = m02p_salmon; /*if only the father's partner
(mother) works and it is the only info*/
      %end;
%mend;
%test4;

if m02m_loyer in(9999,99999) then m02m_loyer = .;
if m02p_loyer in (9999,99999) then m02p_loyer = .;
if m02m_imom in (9999,99999) then m02m_imom = .;
if m02p_imom in (9999,99999) then m02p_imom = .;
if m02m_imoan in (9999,99999) then m02m_imoan = .;
if m02p_imoan in(9999,99999) then m02p_imoan = .;

hcosts = m02m_loyer;

%macro test5;
      %do i=3 %to 10;
      if hcosts=. & m02p_lientyp_&i=2 then hcosts = m02p_loyer;
      %end;
%mend;
%test5;

if m02m_imom=. then m02m_imom = m02m_imoan/12;
if m02p_imom=. then m02p_imom = m02p_imoan/12;
if hcosts=. then hcosts = m02m_imom;

%macro test6;
      %do i=3 %to 10;
      if hcosts=. & m02p_lientyp_&i=2 then hcosts = m02p_imom;
      %end;
%mend;
%test6;

if m02m_stoc=3 & hcosts=. then hcosts = 0;

%macro test7;
      %do i=3 %to 10;
      if m02p_stoc=3 & hcosts=. & m02p_lientyp_&i=2 then hcosts = 0;
      %end;
%mend;
%test7;

if hcosts>2000 & hcosts>revenu then hcosts = .;

disinc = revenu - hcosts;
disinc_part = disinc/parts_tot;
label disinc_part = "Disposable income per household member, 2 months";
rev_part = revenu / parts_tot;
label rev_part = "income per household member, 2 months";
format disinc_part disinc_part.;
run;
```

```
proc means data=data;
Var disinc_part;
run;

proc means data=data;
Var rev_part;
run;

proc rank data=data out=data_SORTIE GROUPS=5;
var disinc_part;
RANKS Q ;
run;

proc rank data=data out=data_SORTIE2 GROUPS=10;
var disinc_part;
RANKS P ;
run;

proc means data=data_SORTIE mean;/*Quantiles of disposable income per hhld
member, 2 months*/
var disinc_part;
class Q;
run;

proc means data=data_SORTIE2 mean;/*Deciles of disposable income per hhld
member, 2 months*/
var disinc_part;
class P;
run;
```

Variable d'analyse : disinc_part disposable income per household member, 2 months				
N	Moyenne	Ecart-type	Minimum	Maximum
13197	1259.54	898.5513083	-495.7142857	37619.05

Variable d'analyse : rev_part income per household member, 2 months				
N	Moyenne	Ecart-type	Minimum	Maximum
15775	1644.40	1026.10	0	38095.24

** Quantiles of disposal income per hhld member, 2 months*

Variable d'analyse : disinc_part disposable income per household member, 2 months		
Rang pour la variable disinc_part	N Obs	Moyenne
0	2655	486.4178403
1	2604	891.9342427
2	2648	1145.64
3	2650	1424.94
4	2640	2347.89

** Deciles of disposal income per hhld member, 2 months*

Variable d'analyse : disinc_part Disposable income per household member, 2 months		
Rang pour la variable disinc_part	N Obs	Moyenne
0	1319	325.4310689
1	1336	645.3561273
2	1304	823.6177337
3	1300	960.4609562
4	1368	1087.04
5	1280	1208.27
6	1322	1337.63
7	1328	1511.84
8	1331	1798.02
9	1309	2907.00

Citing

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INCOME PER HOUSEHOLD MEMBER (INCOME, DISPOSABLE INCOME, QUANTILES AND DECILES), 1 year

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, April 10th 2017

Variable name

revenu_part_1y

Description

The variable indicates the household income per household member.

Wave

1 year

Variable values

continuous

Required input variables

m02m_datinta m02m_vague a01m_anais_3 a01m_anais_4 a01m_anais_5 a01m_anais_6 a01m_anais_7 a01m_anais_8 a01m_anais_9 a01m_anais_10 a01m_anais_11 a01m_anais_12 m00m2_nais a01m_salmon a01m_salmonc a01p_salmon a01p_salmonc a01p_totreven a01m_totreven a01p_salmonp a01m_salmonp a01p_salmoncp a01m_salmoncp a01p_lientyp_3 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01p_lientyp_10 a01m_loyer a01p_loyer a01m_qempr a01p_qempr

Comments

This variable is based on the OECD equalized income-scale adopted by EUROSTAT in the late 1990s. This scale was first proposed by Haagenars et al. (1994) source: http://epp.eurostat.ec.europa.eu/statistics_explained/index.php/Glossary:Equivalised_income

It is a measure of household income that takes account of the differences in a household's size and composition, and thus it is made equivalent for all household sizes and compositions. It is used for the calculation of poverty and social exclusion indicators. The equalized income is calculated by dividing the household ŷ total income by its equivalent size, which is calculated using the modified OECD equivalence scale. This scale attributes a weight to all members of the household:
* -- 1.0 to the first adult;
* -- 0.5 to the second and each subsequent person aged 14 and over;
* -- 0.3 to each child aged under 14.

The equivalent size is the sum of the weights of all the members of a given household.

SAS code

```
data data;
set data;
if m02m_vague < 3 then m02m_datinta = 2011;
```

```
if m02m_vague = 4then m02m_datinta = 2012;
if m02m_datinta=. & m02m_vague = 3 then m02m_datinta = (2011+int((2012-
2011+1)*rand("Uniform"))); /*randomly assigned 2011,2012 if wave 3*/
%macro test1;
      %do i= 3 %to 10;
      if a01m_anais_&i= 9999 | a01m_anais_&i= 8888 then a01m_anais_&i= .;
      if a01m_anais_&i^=. then parts1y_&i = (0.5 *(m02m_datinta -
a01m_anais_&i>= 14) + 0.3 *(m02m_datinta - a01m_anais_&i< 14));
      if a01m_anais_&i=. then parts1y_&i = 0;
      %end;
%mend;
%test1;
parts_tot1y = 0.5 + 0.3 + (m00m2_nais = 1)*.3 + parts1y_3 + parts1y_4 +
parts1y_5 + parts1y_6 + parts1y_7 + parts1y_8 + parts1y_9 + parts1y_10;
if parts_tot1y<1.2 then parts_tot1y = .;  /*minumum value is one adult +
the baby 1.3. missing values are wrongly generated with the parts_tot
statement. then we correct*/

if a01m_salmon=99999 or a01m_salmon=88888 then a01m_salmon=.;
if a01m_salmonc=99999 or a01m_salmonc=88888 then a01m_salmonc=.;
if a01p_salmon=99999 or a01p_salmon=88888 then a01p_salmon=.;
if a01p_salmonc=99999 or a01p_salmonc=88888 then a01p_salmonc=.;
if a01p_totreven=99999 or a01p_totreven=88888 then a01p_totreven=.;
if a01m_totreven=99999 or a01m_totreven=88888 then a01m_totreven=.;
if a01p_salmonp=9 or a01p_salmonp=8 then a01p_salmonp=.;
if a01m_salmonp=9 or a01m_salmonp=8 then a01m_salmonp=.;
if a01p_salmoncp=9 or a01p_salmoncp=8 then a01p_salmoncp=.;
if a01m_salmoncp=9 or a01m_salmoncp=8 then a01m_salmoncp=.;
if a01m_salmonp=2 then a01m_salmon = (a01m_salmon/12); /*making it
monthly*/
if a01m_salmoncp=2 then a01m_salmonc = (a01m_salmonc/12);
if a01p_salmonp=2 then a01p_salmon = (a01p_salmon/12);
if a01p_salmoncp=2 then a01p_salmonc = (a01p_salmonc/12);

revenu1y = a01m_totreven;
%macro test2;
      %do i=3 %to 10;
      if revenu1y=. & a01p_lientyp_&i=2 then revenu1y = a01p_totreven;
      %end;
%mend;
%test2;

if revenu1y=. then revenu1y = (a01m_salmon+a01m_salmonc);
%macro test3;
      %do i=3 %to 10;
      if revenu1y=. & a01p_lientyp_&i=2 then revenu1y =
(a01p_salmon+a01p_salmonc);
      %end;
%mend;
%test3;

if a01m_salmonc=. & a01p_salmon=. & a01p_salmonc=. & revenu1y=. then
revenu1y = a01m_salmon; /*if only the mother works and it is the only
info*/
if a01m_salmon=. & a01p_salmon=. & a01p_salmonc=. & revenu1y=. then
revenu1y = a01m_salmonc; /*if only the mother' partner works and it is the
only info*/

%macro test4;
      %do i=3 %to 10;
```

```
      if a01p_salmonc=. & a01m_salmon=. & a01m_salmonc=. & revenu1y=. &
a01p_lientyp_&i=2 then revenu1y = a01p_salmon; /*if only the father works,
he lives in couple with the mother and it is the only info*/
      if a01p_salmonc=. & a01m_salmon=. & a01m_salmonc=. & revenu1y=. &
a01p_lientyp_&i=2 then revenu1y = a01p_salmon; /*if only the father's
partner (mother) works and it is the only info*/
      %end;
%mend;
%test4;

if a01m_loyer in(9999,99999) then a01m_loyer = .;
if a01p_loyer in(9999,99999) then a01p_loyer = .;
if a01m_qempr in(9999,99999) then a01m_qempr = .;
if a01p_qempr in(9999,99999) then a01p_qempr = .;

hcosts1 = a01m_loyer;
%macro test5;
      %do i=3 %to 10;
      if hcosts1=. & a01p_lientyp_&i=2 then hcosts1 = a01p_loyer;
      %end;
%mend;
%test5;

if a01m_empr=2 & hcosts1=. then hcosts1 = 0;

%macro test6;
      %do i=3 %to 10;
      if a01p_empr=2 & hcosts1=. & a01p_lientyp_&i=2 then hcosts1 = 0;
      %end;
%mend;
%test6;

if hcosts1=. then hcosts1 = a01m_qempr;

%macro test7;
      %do i=3 %to 10;
      if hcosts1=. & a01p_lientyp_&i=2 then hcosts1 = a01p_qempr;
      %end;
%mend;
%test7;

if a01m_stoc in (3,4,5,6) & hcosts1=. then hcosts1 = 0;

%macro test8;
      %do i=3 %to 10;
      if a01p_stoc in(3,4,5,6) & hcosts1=. & a01p_lientyp_&i=2 then hcosts1
= 0;
      %end;
%mend;
%test8;

if demenag=0 & hcosts1=. then hcosts1 = hcosts;
if hcosts1>2000 & hcosts1>revenu1y then hcosts1 = .;
disinc1 = revenu1y - hcosts1;
disinc_part1 = disinc1/parts_tot1y;
label disinc_part1 = "disposable income per household member, 1 year";
rev_part1 = revenu1y/parts_tot1y;
label rev_part1 = "Income per household member, 1 year";
run;

proc means data=data;
```

```
Var disinc_part1;
run;

proc means data=data;
Var rev_part1;
run;
proc rank data=data out=data_SORTIE3 GROUPS=5;
var disinc_part1;
RANKS V ;
run;
proc rank data=data out=data_SORTIE4 GROUPS=10;
var disinc_part1;
RANKS W ;
run;

proc means data=data_SORTIE3 mean;/*Quantiles of disposable income per hhld
member, 1 year*/
var disinc_part1;
class V;
run;

proc means data=data_SORTIE4 mean;/*Deciles of disposable income per hhld
member, 1 year*/
var disinc_part1;
class W;
run;
```

Variable d'analyse : disinc_part1 disposable income per household member, 1 year				
N	Moyenne	Ecart-type	Minimum	Maximum
13391	1362.45	1164.28	-862.7777778	49361.11

Variable d'analyse : rev_part1 Income per household member, 1 year				
N	Moyenne	Ecart-type	Minimum	Maximum
14076	1767.17	1243.91	0	50222.22

** Quantiles of disposal income per hhld member, 1 year*

Variable d'analyse : disinc_part1 disposable income per household member, 1 year		
Rang pour la variable disinc_part1	N Obs	Moyenne
0	2684	494.7101220
1	2679	945.9909907
2	2698	1250.33
3	2654	1559.77
4	2676	2567.05

** Deciles of disposal income per hhld member, 1 year*

Variable d'analyse : disinc_part1 disposable income per household member, 1 year		
Rang pour la variable disinc_part1	N Obs	Moyenne
0	1343	323.9485505
1	1341	665.7263714
2	1327	859.4358467
3	1352	1030.95
4	1332	1177.93
5	1366	1320.93
6	1311	1467.25
7	1343	1650.07
8	1339	1929.13
9	1337	3205.92

Citing

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DIFFICULTY MAKING ENDS MEET, 2 months

Variable created by Marieke Heers and Barbara Castillo, 24th November 2015
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

Diff_making_ends

Description

The variable indicates if the household has financial difficulties at the end of the month.

Wave

2 months

Variable values

0 – No difficulty

1 – Difficulty

2 – Refuse to respond

Required input variables

M02M_ACTFI M02P_ACTFI M02P_LIENTYP_3 M02P_LIENTYP_4 M02P_LIENTYP_5 M02P_LIENTYP_6 M02P_LIENTYP_7 M02P_LIENTYP_8 M02P_LIENTYP_9 M02P_LIENTYP_10

SAS code

```
proc format
Library=Library.formats;
Value diff_making_ends
0="no difficulty"
1="difficulty";
run;

data data;
set data;
diff_making_ends=.;
if m02m_actfi in(1,2,3) then diff_making_ends=0;
if m02m_actfi in(4,5) then diff_making_ends=1;
%macro test;
      %do i=3 %to 10;
      if m02p_actfi in(1,2,3) & diff_making_ends=. & m02p_lientyp_&i=2 then
diff_making_ends=0;
      if m02p_actfi in(4,5) & diff_making_ends=. & m02p_lientyp_&i=2 then
diff_making_ends=1;
      %end;
%mend;
%test;
label diff_making_ends = "difficulty making ends meet, 2 months";
format diff_making_ends diff_making_ends.;
run;
```

```
proc freq data = data;
table diff_making_ends;
run;
```

difficulty making ends meet, 2 months				
diff_making_ends	Frequency	Percent	Cumulative Frequency	Cumulative Percent
no difficulty	14769	90.94	14769	90.94
difficulty	1472	9.06	16241	100.00
Frequency Missing = 2088				

Citing

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UNEMPLOYMENT BENEFIT, 2 months

Variable created by Marieke Heers and Barbara Castillo, 24th November 2015
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

unemployment_benefit

Description

The variable indicates if either parent receives an unemployment benefit.

Wave

2 months

Variable values

0 – No

1 – Yes

Required input variables

M02P_RCHO M02M_RCHO M02P_LIENTYP_3 M02P_LIENTYP_4 M02P_LIENTYP_5 M02P_LIENTYP_6 M02P_LIENTYP_7 M02P_LIENTYP_8 M02P_LIENTYP_9 M02P_LIENTYP_10

Comments

French: Allocation de chômage

SAS code

```
proc format
Library=Library.formats;
Value unemployment_benefit
0="No"
1="Yes";
run;

data data;
set data;
unemployment_benefit=.;
if m02m_rcho=1 then unemployment_benefit=1;
if m02m_rcho=2 then unemployment_benefit=0;
%macro test;
      %do i=3 %to 10;
      if m02p_rcho=1 & unemployment_benefit=. & m02p_lientyp_&i=2 then
unemployment_benefit=1;
      if m02p_rcho=2 & unemployment_benefit=. & m02p_lientyp_&i=2 then
unemployment_benefit=0;
      %end;
%mend;
%test;
label unemployment_benefit = "unemployment benefit, 2 months";
format unemployment_benefit unemployment_benefit.;
```

```
run;

proc freq data= data;
table unemployment_benefit;
run;
```

unemployment benefit, 2 months				
unemployment_benefit	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No	12715	88.13	12715	88.13
Yes	1712	11.87	14427	100.00
Frequency Missing = 3902				

Citing

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UNEMPLOYMENT BENEFIT, 1 year

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

unemployment_benefit1y

Description

The variable indicates if either parent receives an unemployment benefit.

Wave

1 year

Variable values

0 – No

1 – Yes

Required input variables

a01p_rcho a01m_rcho a01p_lientyp_3 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01p_lientyp_10

Comments

French: Allocation de chômage

SAS code

```
proc format
Library=Library.formats;
Value unemployment_benefit1y
0="No"
1="Yes";
run;

data data;
set data;
unemployment_benefit1y=.;
if a01m_rcho=1 then unemployment_benefit1y=1;
if a01m_rcho=2 then unemployment_benefit1y=0;

%macro test;
      %do i=3 %to 10;
      if a01p_rcho=1 & unemployment_benefit1y=. & a01p_lientyp_&i=2 then
unemployment_benefit1y=1;
      if a01p_rcho=2 & unemployment_benefit1y=. & a01p_lientyp_&i=2 then
unemployment_benefit1y=0;
      %end;
%mend;
%test;
label unemployment_benefit1y = "unemployment benefit, 1 year";
format unemployment_benefit1y unemployment_benefit1y.;
run;
```

```
proc freq data= data;
table unemployment_benefit1y;
run;
```

unemployment benefit, 1 year				
unemployment_benefit1y	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No	12318	88.14	12318	88.14
Yes	1657	11.86	13975	100.00
Frequency Missing = 4354				

Citing

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ACTIVE SOLIDARITY BENEFIT, 2 months

Variable created by Marieke Heers and Barbara Castillo, 24th November 2015
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

active_solidarity_benefit

Description

The variable indicates if the household receives an active solidarity benefit.

Wave

2 months

Variable values

0 – No

1 – Yes

Required input variables

M02P_RRSA M02M_RRSA M02P_LIENTYP_3 M02P_LIENTYP_4 M02P_LIENTYP_5 M02P_LIENTYP_6 M02P_LIENTYP_7 M02P_LIENTYP_8 M02P_LIENTYP_9 M02P_LIENTYP_10

Comments

French: Revenu de solidarité active

SAS-code

```
proc format
Library=Library.formats;
Value active_solidarity_benefit
0="no"
1="yes";
run;

data data;
set data;
active_solidarity_benefit=.;
if m02m_rrsa=1 then active_solidarity_benefit=1;
if m02m_rrsa=2 then active_solidarity_benefit=0;

%macro test;
      %do i=3 %to 10;
      if m02p_rrsa=1 & active_solidarity_benefit=. & m02p_lientyp_&i=2 then
active_solidarity_benefit=1;
      if m02p_rrsa=2 & active_solidarity_benefit=. & m02p_lientyp_&i=2 then
active_solidarity_benefit=0;
      %end;
%mend;
%test;
```

```
label active_solidarity_benefit = "active solidarity benefit, 2 months";
format active_solidarity_benefit active_solidarity_benefit.;
run;

proc freq data =data;
table active_solidarity_benefit;
run;
```

active solidarity benefit, 2 months				
active_solidarity_benefit	Frequency	Percent	Cumulative Frequency	Cumulative Percent
no	13393	92.85	13393	92.85
yes	1031	7.15	14424	100.00
Frequency Missing = 3905				

Citing

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ACTIVE SOLIDARITY BENEFIT, 1 year

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

active_solidarity_benefit1y

Description

The variable indicates if the household receives an active solidarity benefit.

Wave

1 year

Variable values

0 – No

1 – Yes

Required input variables

a01p_rrsa a01m_rrsa a01p_lientyp_3 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01p_lientyp_10

Comments

French: Revenu de solidarité active

SAS-code

```
proc format
Library=Library.formats;
Value active_solidarity_benefit1y
0="no"
1="yes";
run;

data data;
set data;
active_solidarity_benefit1y=.;
if a01m_rrsa=1 then active_solidarity_benefit1y=1 ;
if a01m_rrsa=2 then  active_solidarity_benefit1y=0 ;
%macro test;
      %do i=3 %to 10;
      if a01p_rrsa=1 & active_solidarity_benefit1y=. & a01p_lientyp_&i=2
then active_solidarity_benefit1y=1;
      if a01p_rrsa=2 & active_solidarity_benefit1y=. & a01p_lientyp_&i=2
then active_solidarity_benefit1y=0;
      %end;
%mend;
%test;

label active_solidarity_benefit1y = "active solidarity benefit, 1 year";
format active_solidarity_benefit1y active_solidarity_benefit1y.;
run;
```

```
proc freq data=data;
table active_solidarity_benefit1y;
run;
```

active solidarity benefit, 1 year				
active_solidarity_benefit1y	Frequency	Percent	Cumulative Frequency	Cumulative Percent
no	13206	94.50	13206	94.50
yes	769	5.50	13975	100.00
Frequency Missing = 4354				

Citing

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HOUSING BENEFIT, 2 months

Variable created by Marieke Heers and Barbara Castillo, 24th November 2015
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

housing_benefit

Description

The variable indicates if the household receives a housing benefit.

Wave

2 months

Variable values

0 – No

1 – Yes

Required input variables

M02P_RLOG M02M_RLOG M02P_LIENTYP_3 M02P_LIENTYP_4 M02P_LIENTYP_5 M02P_LIENTYP_6 M02P_LIENTYP_7 M02P_LIENTYP_8 M02P_LIENTYP_9 M02P_LIENTYP_10

Comments

French: Allocation Logement

SAS code

```
proc format
Library=Library.formats;
Value housing_benefit
0="no"
1="yes";
run;

data data;
set data;
housing_benefit=.;
if m02m_rlog=1 then housing_benefit=1;
if m02m_rlog=2 then housing_benefit=0;
%macro test;
      %do i= 3 %to 10;
      if m02p_rlog=1 & housing_benefit=. & m02p_lientyp_&i=2 then
housing_benefit=1;
      if m02p_rlog=2 & housing_benefit=. & m02p_lientyp_&i=2 then
housing_benefit=0;
      %end;
%mend;
%test;

label housing_benefit = "housing benefit, 2 months";
format housing_benefit housing_benefit.;
run;
```

```
proc freq data=data;
table housing_benefit;
run;
```

housing benefit, 2 months				
housing_benefit	Frequency	Percent	Cumulative Frequency	Cumulative Percent
no	11422	79.18	11422	79.18
yes	3004	20.82	14426	100.00
Frequency Missing = 3903				

Citing

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HOUSING BENEFIT, 1 year

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

housing_benefit1y

Description

The variable indicates if the household receives a housing benefit.

Wave

1 year

Variable values

0 – No

1 – Yes

Required input variables

a01p_rlog a01m_rlog a01p_lientyp_3 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01p_lientyp_10

Comments

French: Allocation Logement

SAS code

```
proc format
Library=Library.formats;
Value housing_benefit1y
0="no"
1="yes";
run;

data data;
set data;
housing_benefit1y=.;
if a01m_rlog=1 then housing_benefit1y=1;
if a01m_rlog=2 then housing_benefit1y=0;
%macro test;
      %do i=3 %to 10;
      if a01p_rlog=1 & housing_benefit1y=. & a01p_lientyp_&i=2 then
housing_benefit1y=1 ;
      if a01p_rlog=2 & housing_benefit1y=. & a01p_lientyp_&i=2 then
housing_benefit1y=0;
      %end;
%mend;
%test;
label housing_benefit1y = "housing benefit, 1 year";
format housing_benefit1y housing_benefit1y.;
```

```
run;

proc freq data=data;
table housing_benefit1y;
run;
```

housing benefit, 1 year				
housing_benefit1y	Frequency	Percent	Cumulative Frequency	Cumulative Percent
no	10869	77.79	10869	77.79
yes	3103	22.21	13972	100.00
Frequency Missing = 4357				

Citing

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SOCIAL WELFARE DEPENDENCY, 2 months

Variable created by Marieke Heers and Barbara Castillo, 24th November 2015
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

social_welfare_dependency

Description

The variable indicates if the household receives any of the following social welfare benefits: unemployment benefit, active solidarity benefit, housing benefit.

Wave

2 months

Variable values

0 – No

1 – Yes

Required input variables

M02P_RCHO M02M_RCHO M02P_RLOG M02M_RLOG M02P_RRSA M02M_RRSA M02P_LIENTYP_3 M02P_LIENTYP_4 M02P_LIENTYP_5 M02P_LIENTYP_6 M02P_LIENTYP_7 M02P_LIENTYP_8 M02P_LIENTYP_9 M02P_LIENTYP_10

Comments

This variable combines the variables unemployment benefit, active solidarity benefit and housing benefit. It takes the value 1 (= yes) if the household receives any of the three social benefits.

SAS-code

```
*firstly, construct unemployment_benefit
data data;
set data;
unemployment_benefit=.;
if m02m_rcho=1 then unemployment_benefit=1;
if m02m_rcho=2 then unemployment_benefit=0;
%macro test;
      %do i=3 %to 10;
      if m02p_rcho=1 & unemployment_benefit=. & m02p_lientyp_&i=2 then
unemployment_benefit=1;
      if m02p_rcho=2 & unemployment_benefit=. & m02p_lientyp_&i=2 then
unemployment_benefit=0;
      %end;
%mend;
%test;
label unemployment_benefit = "unemployment benefit, 2 months";
format unemployment_benefit unemployment_benefit.;
run;
```

*secondly, construct housing_benefit

```
data data;
set data;
housing_benefit=.;
if m02m_rlog=1 then housing_benefit=1;
if m02m_rlog=2 then housing_benefit=0;
%macro test;
      %do i= 3 %to 10;
      if m02p_rlog=1 & housing_benefit=. & m02p_lientyp_&i=2 then
housing_benefit=1;
      if m02p_rlog=2 & housing_benefit=. & m02p_lientyp_&i=2 then
housing_benefit=0;
      %end;
%mend;
%test;

label housing_benefit = "housing benefit, 2 months";
format housing_benefit housing_benefit.;
run;
```

*thirdly, construct active_solidarity_benefit

```
data data;
set data;
active_solidarity_benefit=.;
if m02m_rrsa=1 then active_solidarity_benefit=1;
if m02m_rrsa=2 then active_solidarity_benefit=0;

%macro test;
      %do i=3 %to 10;
      if m02p_rrsa=1 & active_solidarity_benefit=. & m02p_lientyp_&i=2 then
active_solidarity_benefit=1;
      if m02p_rrsa=2 & active_solidarity_benefit=. & m02p_lientyp_&i=2 then
active_solidarity_benefit=0;
      %end;
%mend;
%test;

label active_solidarity_benefit = "active solidarity benefit, 2 months";
format active_solidarity_benefit active_solidarity_benefit.;
run;
```

*then, construct social_welfare_dependency

```
proc format
Library=Library.formats;
Value social_welfare_dependency
0="no"
1="yes";
run;

data data;
set data;
social_welfare_dependency=.;
if unemployment_benefit=1 | housing_benefit=1 | active_solidarity_benefit=1
then social_welfare_dependency=1;
if unemployment_benefit=0 & housing_benefit=0 & active_solidarity_benefit=0
then social_welfare_dependency=0;

label social_welfare_dependency = "social welfare dependency, 2 months";
format social_welfare_dependency social_welfare_dependency.;
run;
```

```
proc freq data=data;
table social_welfare_dependency;
run;
```

social welfare dependency, 2 months				
social_welfare_dependency	Frequency	Percent	Cumulative Frequency	Cumulative Percent
no	10075	69.84	10075	69.84
yes	4350	30.16	14425	100.00
Frequency Missing = 3904				

Citing

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SOCIAL WELFARE DEPENDENCY, 1 year

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

social_welfare_dependency1y

Description

The variable indicates if the household receives any of the following social welfare benefits: unemployment benefit, active solidarity benefit, housing benefit.

Wave

1 year

Variable values

0 – No

1 – Yes

Required input variables

a01p_rcho a01m_rcho a01p_rlog a01m_rlog a01p_rrsa a01m_rrsa a01p_lientyp_3 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01p_lientyp_10

Comments

This variable combines the variables unemployment benefit, active solidarity benefit and housing benefit. It takes the value 1 (= yes) if the household receives any of the three social benefits.

SAS-code

```
*firstly, construct unemployment_benefit
data data;
set data;
unemployment_benefit1y=.;
if a01m_rcho=1 then unemployment_benefit1y=1;
if a01m_rcho=2 then unemployment_benefit1y=0;

%macro test;
      %do i=3 %to 10;
      if a01p_rcho=1 & unemployment_benefit1y=. & a01p_lientyp_&i=2 then
unemployment_benefit1y=1;
      if a01p_rcho=2 & unemployment_benefit1y=. & a01p_lientyp_&i=2 then
unemployment_benefit1y=0;
      %end;
%mend;
%test;
label unemployment_benefit1y = "unemployment benefit, 1 year";
format unemployment_benefit1y unemployment_benefit1y.;
run;
```

*secondly, construct active_solidarity_benefit

```
data data;
set data;
active_solidarity_benefit1y=.;
if a01m_rrsa=1 then active_solidarity_benefit1y=1 ;
if a01m_rrsa=2 then  active_solidarity_benefit1y=0 ;
%macro test;
      %do i=3 %to 10;
      if a01p_rrsa=1 & active_solidarity_benefit1y=. & a01p_lientyp_&i=2
then active_solidarity_benefit1y=1;
      if a01p_rrsa=2 & active_solidarity_benefit1y=. & a01p_lientyp_&i=2
then active_solidarity_benefit1y=0;
      %end;
%mend;
%test;

label active_solidarity_benefit1y = "active solidarity benefit, 1 year";
format active_solidarity_benefit1y active_solidarity_benefit1y.;
run;
```

*thirdly, construct housing_benefit

```
data data;
set data;
housing_benefit1y=.;
if a01m_rlog=1 then housing_benefit1y=1;
if a01m_rlog=2 then housing_benefit1y=0;
%macro test;
      %do i=3 %to 10;
      if a01p_rlog=1 & housing_benefit1y=. & a01p_lientyp_&i=2 then
housing_benefit1y=1 ;
      if a01p_rlog=2 & housing_benefit1y=. & a01p_lientyp_&i=2 then
housing_benefit1y=0;
      %end;
%mend;
%test;
label housing_benefit1y = "housing benefit, 1 year";
format housing_benefit1y housing_benefit1y.;
run;
```

*then, construct social_welfare_dependency

```
proc format
Library=Library.formats;
Value social_welfare_dependency1y
0="no"
1="yes";
run;

data data;
set data;
social_welfare_dependency1y=.;
if unemployment_benefit1y=1 | housing_benefit1y=1 |
active_solidarity_benefit1y=1 then social_welfare_dependency1y=1;
if unemployment_benefit1y=0 & housing_benefit1y=0 &
active_solidarity_benefit1y=0 then social_welfare_dependency1y=0;

label social_welfare_dependency1y = "social welfare dependency, 1 year";
format social_welfare_dependency1y social_welfare_dependency1y.;
run;

proc freq data=data;
```

```
table social_welfare_dependency1y;
run;
```

social welfare dependency, 1 year				
social_welfare_dependency1y	Frequency	Percent	Cumulative Frequency	Cumulative Percent
no	9671	69.21	9671	69.21
yes	4303	30.79	13974	100.00
Frequency Missing = 4355				

Citing

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4. Housing situation of the household

HOUSING TYPE , 2 months

Variable created by Marieke Heers and Barbara Castillo, 24th November 2015
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

house_type

Description

The variable describes the type of housing.

Wave

2 months

Variable values

1 – House

2 – Apartment

3 – Other

Required input variables

M02M_TYPLOG M02P_TYPLOG M02P_LIENTYP_3 M02P_LIENTYP_4 M02P_LIENTYP_5 M02P_LIENTYP_6 M02P_LIENTYP_7 M02P_LIENTYP_8 M02P_LIENTYP_9 M02P_LIENTYP_10

SAS-code

```
proc format
Library=Library.formats;
Value house_type
1="house"
2="apartment"
3="other";
run;

data data;
set data;
house_type=.;
if m02m_typlog=1 then house_type=1;
if m02m_typlog=2 then house_type=2;
if m02m_typlog in(3,4,5,6,7,8) then house_type=3;
%macro test;
      %do i=3 %to 10;
      if m02p_typlog=1 & house_type=. & m02p_lientyp_&i=2 then
house_type=1;
      if m02p_typlog=2 & house_type=. & m02p_lientyp_&i=2 then
house_type=2;
      if m02p_typlog in(3,4,5,6,7,8) & house_type=. & m02p_lientyp_&i=2
then house_type=3;
      %end;
```

```
%mend;
%test;
label house_type = "type of house where the child lives, 2 months";
format house_type house_type.;
run;

proc freq data=data;
table house_type;
run;
```

type of house where the child lives, 2 months				
house_type	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
house	9136	55.97	9136	55.97
apartment	7066	43.29	16202	99.26
other	121	0.74	16323	100.00
Fréquence manquante = 2006				

Citing

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HOUSING TYPE, 1 year

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

house_type1y

Description

The variable describes the type of housing.

Wave

1 year

Variable values

1 – House

2 – Apartment

3 – Other

Required input variables

a01m_typlog a01p_typlog a01p_lientyp_3 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01p_lientyp_10

SAS-code

```
proc format
Library=Library.formats;
Value house_type1y
1="house"
2="apartment"
3="other";
run;

Data data;
set data;
house_type1y=.;
if a01m_typlog=1 then house_type1y=1;
if a01m_typlog=2 then house_type1y=2;
if a01m_typlog in(3,4,5,6,7,8) then house_type1y=3;
%macro test;
      %do i=3 %to 10;
      if a01p_typlog=1 & house_type=. & a01p_lientyp_&i=2 then
house_type1y=1;
      if a01p_typlog=2 & house_type=. & a01p_lientyp_&i=2 then
house_type1y=2;
      if a01p_typlog in(3,4,5,6,7,8) & house_type=. & a01p_lientyp_&i=2
then house_type1y=3;
      %end;
%mend;
%test;
```

```
label house_type1y = "type of house where the child lives, 1 year";
format house_type1y house_type1y.;
run;

proc freq data= data;
table house_type1y;
run;
```

type of house where the child lives, 1 year				
house_type1y	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
house	8769	60.44	8769	60.44
apartment	5668	39.07	14437	99.50
other	72	0.50	14509	100.00
Fréquence manquante = 3820				

Citing

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HOUSE OWNERSHIP, 2 months

Variable created by Marieke Heers and Barbara Castillo, 22h December 2015
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

house_ownership

Description

The variable describes the housing situation of the household.

Wave

2 months

Variable values

1 – Owned

2 – Rented

3 – Publicly subsidised

4 – Family member

5 – Other

Required input variables

M02M_STOC M02M_PROPFAM M02M_PROPHLM M02M_TYPLOG M02P_STOC M02P_PROPHLM M02P_TYPLOG M02M_PROPFAM M02P_LIENTYP_3 M02P_LIENTYP_4 M02P_LIENTYP_5 M02P_LIENTYP_6 M02P_LIENTYP_7 M02P_LIENTYP_8 M02P_LIENTYP_9 M02P_LIENTYP_10

SAS-code

```
proc format
Library=Library.formats;
Value house_ownership
1="owned"
2="rented"
3="publicly subsidised"
4="family member"
5="other";
run;

Data data;
set data;
house_ownership=.;
if m02m_stoc in(2,3) then house_ownership=1;
if m02m_stoc=1 then house_ownership=2;
if m02m_stoc in(4,5,6) then house_ownership=5;
if m02m_stoc=5 & m02m_propfam=1 then house_ownership=4;
if m02m_stoc in(1,5) & m02m_prophlm=1 then house_ownership=3;
%macro test;
      %do i=3 %to 10;
```

```
      if m02p_stoc in(2,3) & house_ownership=. & m02p_lientyp_&i=2 then
house_ownership=1;
      if m02p_stoc in(1,5) & m02p_prophlm=1 & house_ownership=. &
m02p_lientyp_&i=2  then house_ownership=3;
      if m02p_stoc in(1) & house_ownership=. & m02p_lientyp_&i=2 then
house_ownership=2;
      if m02p_stoc=5 & m02p_propfam=1 & house_ownership=. &
m02p_lientyp_&i=2 then house_ownership=4;
      if m02p_stoc in(4,5,6) & house_ownership=. & m02p_lientyp_&i=2 then
house_ownership=5;
      %end;
%mend;
%test;

if m02m_typlog in(3,4,5,6,7,8) & house_ownership=. then house_ownership=5;

%macro test2;
      %do i=3 %to 10;
      if m02p_typlog in(3,4,5,6,7,8) & house_ownership=. &
m02p_lientyp_&i=2 then house_ownership=5;
      %end;
%mend;
%test2;

label house_ownership="housing ownership status, 2 months";
format house_ownership house_ownership.;
run;

proc freq data=data;
table house_ownership;
run;
```

housing ownership status, 2 months				
house_ownership	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
owned	7684	52.93	7684	52.93
rented	4215	29.03	11899	81.96
publicly subsidised	1936	13.34	13835	95.30
family member	387	2.67	14222	97.96
other	296	2.04	14518	100.00
Fréquence manquante = 3811				

Citing

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HOUSE OWNERSHIP, 1 year

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

house_ownership1y

Description

The variable describes the housing situation of the household.

Wave

1 year

Variable values

1 – Owned

2 – Rented

3 – Publicly subsidised

4 – Family member

5 – Other

Required input variables

a01m_stoc a01m_propfam a01m_prophlm a01m_typlog a01p_stoc a01p_prophlm a01p_typlog a01m_propfam a01p_lientyp_3 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01p_lientyp_10

SAS-code

```
proc format
Library=Library.formats;
Value house_ownership1y
1="owned"
2="rented"
3="publicly subsidised"
4="family member"
5="other";
run;

data data;
set data;
house_ownership1y=.;
if a01m_stoc in(2,3) then house_ownership1y=1;
if a01m_stoc in (1) then house_ownership1y=2;
if a01m_stoc in(4,5,6) then house_ownership1y=5;
if a01m_stoc=5 & a01m_propfam=1 then house_ownership1y=4;
if a01m_stoc in(1,5) & a01m_prophlm=1 then house_ownership1y=3;
%macro test;
      %do i=3 %to 10;
```

```
      if a01p_stoc in (2,3) & house_ownership1y=. & a01p_lientyp_&i=2 then
house_ownership1y=1;
      if a01p_stoc in(1,5) & a01p_prophlm=1 & house_ownership1y=. &
a01p_lientyp_&i=2  then house_ownership1y=3;
      if a01p_stoc in(1) & house_ownership1y=. & a01p_lientyp_&i=2 then
house_ownership1y=2;
      if a01p_stoc=5 & a01p_propfam=1 & house_ownership1y=. &
a01p_lientyp_&i=2 then house_ownership1y=4;
      if a01p_stoc in(4,5,6) & house_ownership1y=. & a01p_lientyp_&i=2 then
house_ownership1y=5;
      %end;
%mend;
%test;

if a01m_typlog in(3,4,5,6,7,8) & house_ownership1y=. then
house_ownership1y=5;
%macro test2;
      %do i=3 %to 10;
      if a01p_typlog in(3,4,5,6,7,8) & house_ownership1y=. &
a01p_lientyp_&i=2 then house_ownership1y=5;
      %end;
%mend;
%test2;

label house_ownership1y = "housing ownership status, 1 year";
format house_ownership1y house_ownership1y.;
run;

proc freq data= data;
table house_ownership1y;
run;
```

housing ownership status, 1 year				
house_ownership1y	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
owned	1485	36.52	1485	36.52
rented	1644	40.43	3129	76.96
publicly subsidised	727	17.88	3856	94.84
family member	48	1.18	3904	96.02
other	162	3.98	4066	100.00
Fréquence manquante = 14263				

Citing

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5. Migration

MOTHER BORN IN FRANCE

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

mbirthfr

Description

This variable describes if the mother was born in France

Wave

1 year

Variable values

1 – yes

0 - no

Required input variables

m02m_lnais_3 m00m2_lieunaism m02p_lientyp_3 m02p_lientyp_4 m02p_lientyp_5 m02p_lientyp_6 m02p_lientyp_7 m02p_lientyp_8 m02p_lientyp_9 m02p_lientyp_10 m02p_lnais_3 m02p_lnais_4 m02p_lnais_5 m02p_lnais_6 m02p_lnais_7 m02p_lnais_8 m02p_lnais_9 m02p_lnais_10 a01m_lnais_3 a01p_lnais_3 a01p_lnais_4 a01p_lnais_5 a01p_lnais_6 a01p_lnais_7 a01p_lnais_8 a01p_lnais_9 a01p_lnais_10

SAS-code

```
data data;
set data;
if m02m_lnais_3=1 then mbirthfr = 1;  /*born in france*/
if m02m_lnais_3=2 then mbirthfr = 0;  /*born abroad*/
if a01m_lnais_3=1 then mbirthfr = 1;  /*born in france*/
if a01m_lnais_3=2 then mbirthfr = 0;  /*born abroad*/

%macro test;
      %do i=5 %to 10;
      if m02p_lnais_&i=1 & m02p_lientyp_&i=2 & mbirthfr=. then mbirthfr =
1;
      if m02p_lnais_&i=2 & m02p_lientyp_&i=2 & mbirthfr=. then mbirthfr =
0;
      %end;
%mend;
%test;

%macro test2;
      %do i=3 %to 10;
      if a01p_lnais_&i=1 & a01p_lientyp_&i=2 & mbirthfr=. then mbirthfr =
1;
      if a01p_lnais_&i=2 & a01p_lientyp_&i=2 & mbirthfr=. then mbirthfr =
0;
      %end;
```

```
%mend;
%test2;

if m00m2_lieunaism=1 & mbirthfr=. then mbirthfr = 1;
if m00m2_lieunaism=2 & mbirthfr=. then mbirthfr = 0;

label mbirthfr = "mother born in france";
format mbirthfr mbirthfr.;
run;

proc freq data=data;
table mbirthfr;
run;
```

mother born in france				
mbirthfr	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
no	2422	13.30	2422	13.30
yes	15793	86.70	18215	100.00
Fréquence manquante = 114				

Citing

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MOTHER FRENCH NATIONALITY AT BIRTH

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

mnationfr

Description

This variable describes if the mother was born with French nationality

Wave

1 year

Variable values

1 – yes

0 - no

Required input variables

m02m_natio1n_3 m00m2_natiom m02p_natio1n_3 m02p_natio1n_4 m02p_natio1n_5 m02p_natio1n_6 m02p_natio1n_7 m02p_natio1n_8 m02p_natio1n_9 m02p_natio1n_10 m02p_lientyp_3 m02p_lientyp_4 m02p_lientyp_5 m02p_lientyp_6 m02p_lientyp_7 m02p_lientyp_8 m02p_lientyp_9 m02p_lientyp_10 a01m_natio1n_3 a01p_natio1n_3 a01p_natio1n_4 a01p_natio1n_5 a01p_natio1n_6 a01p_natio1n_7 a01p_natio1n_8 a01p_natio1n_9 a01p_natio1n_10 a01p_lientyp_3 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01p_lientyp_10

SAS-code

```
proc format
Library=Library.formats;
Value mnationfr
1="yes"
0="no";
run;

data data;
set data;
if m02m_natio1n_3=1 then mnationfr = 1;  /*born with french nationality*/
if m02m_natio1n_3 in(2,3,4) then mnationfr = 0; /*not born with french
nationality*/
if a01m_natio1n_3=1 then mnationfr = 1; /*born with french nationality*/
if a01m_natio1n_3 in(2,3,4) then mnationfr = 0; /*not born with french
nationality*/

%macro test;
      %do i=5 %to 10;
      if m02p_natio1n_&i=1 & m02p_lientyp_&i=2 & mnationfr=. then mnationfr
= 1;
      if m02p_natio1n_&i in (2,3,4) & m02p_lientyp_&i=2 & mnationfr=. then
mnationfr = 0;
      %end;
%mend;
%test
```

```
%macro test2;
      %do i=3 %to 10;
      if a01p_natio1n_&i=1 & a01p_lientyp_&i=2 & mnationfr=. then mnationfr
= 1;
      if a01p_natio1n_&i in (2,3,4) & a01p_lientyp_&i=2 & mnationfr=. then
mnationfr = 0;
      %end;
%mend;
%test2;

if m00m2_natiom=1 & mnationfr=. then mnationfr = 1;
if m00m2_natiom in(2,3,4) & mnationfr=. then mnationfr = 0;

label mnationfr = "mother french nationality at birth";
format mnationfr mnationfr.;
run;

proc freq data=data;
table mnationfr;
run;
```

mother french nationality at birth				
mnationfr	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
no	2372	13.03	2372	13.03
yes	15835	86.97	18207	100.00
Fréquence manquante = 122				

Citing

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FATHER BORN IN FRANCE

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

fbirthfr

Description

This variable describes if the father was born in France

Wave

1 year

Variable values

1 – yes

0 - no

Required input variables

m02p_lnais m02p_lientyp_4 m02m_lnais_4 m02m_lientyp_4 m00m2_lieunaisp a01p_lnais_4 a01p_lnais_5 a01p_lnais_6 a01p_lnais_7 a01p_lnais_8 a01p_lnais_9 a01p_lnais_10 a01m_lnais_4 a01m_lnais_5 a01m_lnais_6 a01m_lnais_7 a01m_lnais_8 a01m_lnais_9 a01m_lnais_10 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01p_lientyp_10 a01m_lientyp_4 a01m_lientyp_5 a01m_lientyp_6 a01m_lientyp_7 a01m_lientyp_8 a01m_lientyp_9 a01m_lientyp_10

SAS-code

```
proc format
Library=Library.formats;
Value fbirthfr
1="yes"
0="no";
run;

data data;
set data;
if m02p_lnais_4=1 & m02p_lientyp_4=1 then fbirthfr = 1;
if m02p_lnais_4=2 & m02p_lientyp_4=1 then fbirthfr = 0;

%macro test;
      %do i=4 %to 10;
      if a01p_lnais_&i=1 & a01p_lientyp_&i=1 then fbirthfr = 1;
      if a01p_lnais_&i=2 & a01p_lientyp_&i=1 then fbirthfr = 0;
      %end;
%mend;
%test;

if m02m_lnais_4=1 & m02m_lientyp_4=1 & fbirthfr=. then fbirthfr = 1;
if m02m_lnais_4=2 & m02m_lientyp_4=1 & fbirthfr=. then fbirthfr = 0;

%macro test2;
      %do i=4 %to 10;
```

```
      if a01m_lnais_&i=1 & a01m_lientyp_&i=1 & fbirthfr=. then fbirthfr =
1;
      if a01m_lnais_&i=2 & a01m_lientyp_&i=1 & fbirthfr=. then fbirthfr =
0;
      %end;
%mend;
%test2;

if m00m2_lieunaisp=1 & fbirthfr=. then fbirthfr = 1;
if m00m2_lieunaisp=2 & fbirthfr=. then fbirthfr = 0;

label fbirthfr = "father born in france";
format fbirthfr fbirthfr.;
run;

proc freq data=data;
table fbirthfr;
run;
```

father born in france				
fbirthfr	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
no	2604	14.55	2604	14.55
yes	15296	85.45	17900	100.00
Fréquence manquante = 429				

Citing

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FATHER FRENCH NATIONALITY AT BIRTH

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

fnationfr

Description

This variable describes if the father was born with French nationality

Wave

1 year

Variable values

1 – yes

0 - no

Required input variables

m02p_natio1n_4 m02p_lientyp_4 m02m_natio1n_4 m02m_lientyp_4 m00m2_natiop a01m_natio1n_4 a01m_natio1n_5 a01m_natio1n_6 a01m_natio1n_7 a01m_natio1n_8 a01m_natio1n_9 a01m_natio1n_10 a01p_natio1n_4 a01p_natio1n_5 a01p_natio1n_6 a01p_natio1n_7 a01p_natio1n_8 a01p_natio1n_9 a01p_natio1n_10 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01p_lientyp_10 a01m_lientyp_4 a01m_lientyp_5 a01m_lientyp_6 a01m_lientyp_7 a01m_lientyp_8 a01m_lientyp_9 a01m_lientyp_10

SAS-code

```
proc format
Library=Library.formats;
Value fnationfr
1="yes"
0="no";
run;

data data;
set data;
if m02p_natio1n_4=1 & m02p_lientyp_4=1 then fnationfr = 1; /*born french
nationality*/
if m02p_natio1n_4 in(2,3,4) & m02p_lientyp_4=1 then fnationfr = 0;
%macro test;
      %do i=4 %to 10;
      if a01p_natio1n_&i=1 & a01p_lientyp_&i=1 then fnationfr = 1;  /*born
french nationality*/
      if a01p_natio1n_&i in(2,3,4) & a01p_lientyp_&i=1 then fnationfr = 0;
      %end;
%mend;
%test;

if m02m_natio1n_4=1 & m02m_lientyp_4=1 & fnationfr=. then fnationfr = 1;
if m02m_natio1n_4 in(2,3,4) & m02m_lientyp_4=1 & fnationfr=. then fnationfr
= 0;

%macro test2;
```

```
      %do i=4 %to 10;
      if a01m_natio1n_&i=1 & a01m_lientyp_&i=1 & fnationfr=. then fnationfr
= 1;
      if a01m_natio1n_&i in(2,3,4) & a01m_lientyp_&i=1 & fnationfr=. then
fnationfr = 0;
      %end;
%mend;
%test2;

if m00m2_natiop=1 & fnationfr=. then fnationfr = 1;
if m00m2_natiop in (2,3) & fnationfr=. then fnationfr = 0;

label fnationfr = "father french nationality at birth";
format fnationfr fnationfr.;
run;

proc freq data=data;
table fnationfr;
run;
```

father french nationality at birth				
fnationfr	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
no	2480	13.86	2480	13.86
yes	15412	86.14	17892	100.00
Fréquence manquante = 437				

Citing

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GRANDMOTHER BORN IN FRANCE (MOTHER)

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

m_gmbirthfr

Description

This variable describes if the grandmother (mother) was born in France

Wave

1 year

Variable values

1 – yes

0 - no

Required input variables

m02m_mblieu m02m_lnais_4 m02m_lnais_5 m02m_lnais_6 m02m_lnais_7 m02m_lnais_8 m02m_lnais_9 m02m_lnais_10 m02m_lnais_11 m02m_lnais_12 m02m_lientyp_4 m02m_lientyp_5 m02m_lientyp_6 m02m_lientyp_7 m02m_lientyp_8 m02m_lientyp_9 m02m_lientyp_10 m02m_lientyp_11 m02m_lientyp_12 m02m_sexe_4 m02m_sexe_5 m02m_sexe_6 m02m_sexe_7 m02m_sexe_8 m02m_sexe_9 m02m_sexe_10 m02m_sexe_11 m02m_sexe_12 m02p_bmlieu m02p_lientyp_4 m02p_lientyp_5 m02p_lientyp_6 m02p_lientyp_7 m02p_lientyp_8 m02p_lientyp_9 m02p_lientyp_10 m02p_lientyp_11 m02p_lientyp_12 m02p_lnais_4 m02p_lnais_5 m02p_lnais_6 m02p_lnais_7 m02p_lnais_8 m02p_lnais_9 m02p_lnais_10 m02p_lnais_11 m02p_lnais_12 m02p_sexe_4 m02p_sexe_5 m02p_sexe_6 m02p_sexe_7 m02p_sexe_8 m02p_sexe_9 m02p_sexe_10 m02p_sexe_11 m02p_sexe_12 a01p_lnais_4 a01p_lnais_5 a01p_lnais_6 a01p_lnais_7 a01p_lnais_8 a01p_lnais_9 a01m_lnais_4 a01m_lnais_5 a01m_lnais_6 a01m_lnais_7 a01m_lnais_8 a01m_lnais_9 a01m_lnais_10 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01m_lientyp_4 a01m_lientyp_5 a01m_lientyp_6 a01m_lientyp_7 a01m_lientyp_8 a01m_lientyp_9 a01m_lientyp_10 a01m_sexe_4 a01m_sexe_5 a01m_sexe_6 a01m_sexe_7 a01m_sexe_8 a01m_sexe_9 a01m_sexe_10 a01p_sexe_4 a01p_sexe_5 a01p_sexe_6 a01p_sexe_7 a01p_sexe_8 a01p_sexe_9

SAS-code

```
proc format
Library=Library.formats;
Value m_gmbirthfr
1="yes"
0="no";
run;

data data;
set data;
if m02m_mblieu=1 then m_gmbirthfr = 1;
if m02m_mblieu=2 then m_gmbirthfr = 0;
%macro test;
      %do i=4 %to 10;
      if m02m_lnais_&i=1 & m02m_lientyp_&i=8 & m02m_sexec1_&i=2 &
m_gmbirthfr=. then m_gmbirthfr = 1;  /*grandparent (mother), female, born
in france*/
      if m02m_lnais_&i=2 & m02m_lientyp_&i=8 & m02m_sexec1_&i=2 &
m_gmbirthfr=. then m_gmbirthfr = 0;
```

```
      %end;
%mend;
%test;

%macro test2;
      %do i=4 %to 10;
      if a01m_lnais_&i=1 & a01m_lientyp_&i=8 & a01m_sexe_&i=2 &
m_gmbirthfr=. then m_gmbirthfr = 1;  /*grandparent (mother), female, born
in france*/
      if a01m_lnais_&i=2 & a01m_lientyp_&i=8 & a01m_sexe_&i=2 &
m_gmbirthfr=. then m_gmbirthfr = 0;
      %end;
%mend;
%test2;

if m02p_bmlieu=1 & m_gmbirthfr=. then m_gmbirthfr = 1;
if m02p_bmlieu=2 & m_gmbirthfr=. then m_gmbirthfr = 0;

%macro test3;
      %do i=5 %to 9;
      if m02p_lnais_&i=1 & m02p_lientyp_&i=8 & m02p_sexec1_&i=2 &
m_gmbirthfr=. then m_gmbirthfr = 1; /*grandparent (mother), female, born in
france*/
      if m02p_lnais_&i=2 & m02p_lientyp_&i=8 & m02p_sexec1_&i=2 &
m_gmbirthfr=. then m_gmbirthfr = 0;
      %end;
%mend;
%test3;

%macro test4;
      %do i=4 %to 9;
      if a01p_lnais_&i=1 & a01p_lientyp_&i=8 & a01p_sexe_&i=2 &
m_gmbirthfr=. then m_gmbirthfr = 1;  /*grandparent (mother), female, born
in france*/
      if a01p_lnais_&i=2 & a01p_lientyp_&i=8 & a01p_sexe_&i=2 &
m_gmbirthfr=. then m_gmbirthfr = 0;
      %end;
%mend;
%test4;

label m_gmbirthfr = "grandmother born in france (mother)";
format m_gmbirthfr m_gmbirthfr.;
run;

proc freq data=data;
table m_gmbirthfr;
run;
```

grandmother born in france (mother)				
m_gmbirthfr	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
no	3508	21.43	3508	21.43
yes	12862	78.57	16370	100.00
Fréquence manquante = 1959				

Citing

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GRANDMOTHER FRENCH NATIONALITY AT BIRTH (MOTHER)

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

m_gmnationfr

Description

This variable describes if the grandmother (mother) was born with French nationality

Wave

1 year

Variable values

1 – yes

0 - no

Required input variables

m02m_mbfranc m02m_natio1n_4 m02m_natio1n_5 m02m_natio1n_6 m02m_natio1n_7 m02m_natio1n_8 m02m_natio1n_9 m02m_natio1n_10 m02m_natio1n_11 m02m_natio1n_12 m02m_lientyp_4 m02m_lientyp_5 m02m_lientyp_6 m02m_lientyp_7 m02m_lientyp_8 m02m_lientyp_9 m02m_lientyp_10 m02m_lientyp_11 m02m_lientyp_12 m02m_sexe_4 m02m_sexe_5 m02m_sexe_6 m02m_sexe_7 m02m_sexe_8 m02m_sexe_9 m02m_sexe_10 m02m_sexe_11 m02m_sexe_12 m02p_bmfranc m02p_lientyp_4 m02p_lientyp_5 m02p_lientyp_6 m02p_lientyp_7 m02p_lientyp_8 m02p_lientyp_9 m02p_lientyp_10 m02p_lientyp_11 m02p_lientyp_12 m02p_natio1n_4 m02p_natio1n_5 m02p_natio1n_6 m02p_natio1n_7 m02p_natio1n_8 m02p_natio1n_9 m02p_natio1n_10 m02p_natio1n_11 m02p_natio1n_12 m02p_sexe_4 m02p_sexe_5 m02p_sexe_6 m02p_sexe_7 m02p_sexe_8 m02p_sexe_9 m02p_sexe_10 m02p_sexe_11 m02p_sexe_12 a01m_natio1n_4 a01m_natio1n_5 a01m_natio1n_6 a01m_natio1n_7 a01m_natio1n_8 a01m_natio1n_9 a01m_natio1n_10 a01p_natio1n_4 a01p_natio1n_5 a01p_natio1n_6 a01p_natio1n_7 a01p_natio1n_8 a01p_natio1n_9 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01m_lientyp_4 a01m_lientyp_5 a01m_lientyp_6 a01m_lientyp_7 a01m_lientyp_8 a01m_lientyp_9 a01m_lientyp_10 a01m_sexe_4 a01m_sexe_5 a01m_sexe_6 a01m_sexe_7 a01m_sexe_8 a01m_sexe_9 a01m_sexe_10 a01p_sexe_4 a01p_sexe_5 a01p_sexe_6 a01p_sexe_7 a01p_sexe_8 a01p_sexe_9

SAS-code

```
proc format
Library=Library.formats;
Value m_gmnationfr
1="yes"
0="no";
run;

data data;
set data;
if m02m_mbfranc=1 then m_gmnationfr = 1;
if m02m_mbfranc in(2,3,4) then m_gmnationfr = 0;

%macro test;
```

```
      %do i=4 %to 10;
      if m02m_natio1n_&i=1 & m02m_lientyp_&i=8 & m02m_sexec1_&i=2 &
m_gmnationfr=. then m_gmnationfr = 1; /*grandparent (mother), female french
nationality at birth*/
      if m02m_natio1n_&i in(2,3,4) & m02m_lientyp_&i=8 & m02m_sexec1_&i=2 &
m_gmnationfr=. then m_gmnationfr = 0;
      %end;
%mend;
%test;

%macro test2;
      %do i=4 %to 10;
      if a01m_natio1n_&i=1 & a01m_lientyp_&i=8 & a01m_sexe_&i=2 &
m_gmnationfr=. then m_gmnationfr = 1;  /*grandparent (mother), female
french nationality at birth*/
      if a01m_natio1n_&i in(2,3,4) & a01m_lientyp_&i=8 & a01m_sexe_&i=2 &
m_gmnationfr=. then m_gmnationfr = 0;
      %end;
%mend;
%test2;

if m02p_bmfranc=1 & m_gmnationfr=. then m_gmnationfr = 1;
if m02p_bmfranc in(2,3,4) & m_gmnationfr=. then m_gmnationfr = 0;

%macro test3;
      %do i=5 %to 9;
      if m02p_natio1n_&i=1 & m02p_lientyp_&i=8 & m02p_sexec1_&i=2 &
m_gmnationfr=. then m_gmnationfr = 1;  /*grandparent (mother), female
french nationality at birth*/
      if m02p_natio1n_&i in (2,3,4) & m02p_lientyp_&i=8 & m02p_sexec1_&i=2
& m_gmnationfr=. then m_gmnationfr = 0;
      %end;
%mend;
%test3;

%macro test4;
      %do i=4 %to 9;
      if a01p_natio1n_&i=1 & a01p_lientyp_&i=8 & a01p_sexe_&i=2 &
m_gmnationfr=. then m_gmnationfr = 1;  /*grandparent (mother), female
french nationality at birth*/
      if a01p_natio1n_&i in(2,3,4) & a01p_lientyp_&i=8 & a01p_sexe_&i=2 &
m_gmnationfr=. then m_gmnationfr = 0;
      %end;
%mend;
%test4;
label m_gmnationfr = "grandmother french nationality at birth (mother)";
format m_gmnationfr m_gmnationfr.;
run;

proc freq data=data;
table m_gmnationfr;
run;
```

grandmother french nationality at birth (mother)				
m_gmnationfr	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
no	2794	17.75	2794	17.75
yes	12944	82.25	15738	100.00
Fréquence manquante = 2591				

Citing

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GRANDFATHER BORN IN FRANCE (MOTHER)

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

m_gfbirthfr

Description

This variable describes if the grandfather (mother) was born in France

Wave

1 year

Variable values

1 – yes

0 - no

Required input variables

m02m_pblieu m02m_lnais_4 m02m_lnais_5 m02m_lnais_6 m02m_lnais_7 m02m_lnais_8 m02m_lnais_9 m02m_lnais_10 m02m_lnais_11 m02m_lnais_12 m02m_lientyp_4 m02m_lientyp_5 m02m_lientyp_6 m02m_lientyp_7 m02m_lientyp_8 m02m_lientyp_9 m02m_lientyp_10 m02m_lientyp_11 m02m_lientyp_12 m02m_sexe_4 m02m_sexe_5 m02m_sexe_6 m02m_sexe_7 m02m_sexe_8 m02m_sexe_9 m02m_sexe_10 m02m_sexe_11 m02m_sexe_12 m02p_bplieu m02p_lientyp_4 m02p_lientyp_5 m02p_lientyp_6 m02p_lientyp_7 m02p_lientyp_8 m02p_lientyp_9 m02p_lientyp_10 m02p_lientyp_11 m02p_lientyp_12 m02p_lnais_4 m02p_lnais_5 m02p_lnais_6 m02p_lnais_7 m02p_lnais_8 m02p_lnais_9 m02p_lnais_10 m02p_lnais_11 m02p_lnais_12 m02p_sexe_4 m02p_sexe_5 m02p_sexe_6 m02p_sexe_7 m02p_sexe_8 m02p_sexe_9 m02p_sexe_10 m02p_sexe_11 m02p_sexe_12 a01p_lnais_4 a01p_lnais_5 a01p_lnais_6 a01p_lnais_7 a01p_lnais_8 a01p_lnais_9 a01m_lnais_4 a01m_lnais_5 a01m_lnais_6 a01m_lnais_7 a01m_lnais_8 a01m_lnais_9 a01m_lnais_10 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01m_lientyp_4 a01m_lientyp_5 a01m_lientyp_6 a01m_lientyp_7 a01m_lientyp_8 a01m_lientyp_9 a01m_lientyp_10 a01m_sexe_4 a01m_sexe_5 a01m_sexe_6 a01m_sexe_7 a01m_sexe_8 a01m_sexe_9 a01m_sexe_10 a01p_sexe_4 a01p_sexe_5 a01p_sexe_6 a01p_sexe_7 a01p_sexe_8 a01p_sexe_9

SAS-code

```
proc format
Library=Library.formats;
Value m_gfbirthfr
1="yes"
0="no";
run;

data data;
set data;
if m02m_pblieu=1 then m_gfbirthfr = 1;
if m02m_pblieu=2 then m_gfbirthfr = 0;

%macro test;
      %do i=4 %to 10;
```

```
      if m02m_lnais_&i=1 & m02m_lientyp_&i=8 & m02m_sexec1_&i=1 &
m_gfbirthfr=. then m_gfbirthfr = 1;  /*grandparent (mother), male, born in
france*/
      if m02m_lnais_&i=2 & m02m_lientyp_&i=8 & m02m_sexec1_&i=1 &
m_gfbirthfr=. then m_gfbirthfr = 0;
      %end;
%mend;
%test;

%macro test2;
      %do i=4 %to 10;
      if a01m_lnais_&i=1 & a01m_lientyp_&i=8 & a01m_sexe_&i=1 &
m_gfbirthfr=. then m_gfbirthfr = 1; /*grandparent (mother), male, born in
france*/
      if a01m_lnais_&i=2 & a01m_lientyp_&i=8 & a01m_sexe_&i=1 &
m_gfbirthfr=. then m_gfbirthfr = 0;
      %end;
%mend;
%test2;

if m02p_bplieu=1 & m_gfbirthfr=. then m_gfbirthfr = 1;
if m02p_bplieu=2 & m_gfbirthfr=. then m_gfbirthfr = 0;

%macro test3;
      %do i=5 %to 9;
      if m02p_lnais_&i=1 & m02p_lientyp_&i=8 & m02p_sexec1_&i=1 &
m_gfbirthfr=. then m_gfbirthfr = 1; /*grandparent (mother), male, born in
france*/
      if m02p_lnais_&i=2 & m02p_lientyp_&i=8 & m02p_sexec1_&i=1 &
m_gfbirthfr=. then m_gfbirthfr = 0;
      %end;
%mend;
%test3;

%macro test4;
      %do i=4 %to 9;
      if a01p_lnais_&i=1 & a01p_lientyp_&i=8 & a01p_sexe_&i=1 &
m_gfbirthfr=. then m_gfbirthfr = 1; /*grandparent (mother), male, born in
france*/
      if a01p_lnais_&i=2 & a01p_lientyp_&i=8 & a01p_sexe_&i=1 &
m_gfbirthfr=. then m_gfbirthfr = 0;
      %end;
%mend;
%test4;

label m_gfbirthfr = "grandfather born in france (mother)";
format m_gfbirthfr m_gfbirthfr.;
run;

proc freq data=data;
table m_gfbirthfr;
run;
```

grandfather born in france (mother)

m_gfbirthfr	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
no	3733	23.14	3733	23.14
yes	12401	76.86	16134	100.00

Fréquence manquante = 2195

Citing

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GRANDFATHER FRENCH NATIONALITY AT BIRTH (MOTHER)

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

m_gfnationfr

Description

This variable describes if the grandfather (mother) was born with French nationality

Wave

1 year

Variable values

1 – yes

0 - no

Required input variables

m02m_pbfranc m02m_natio1n_4 m02m_natio1n_5 m02m_natio1n_6 m02m_natio1n_7 m02m_natio1n_8 m02m_natio1n_9 m02m_natio1n_10 m02m_natio1n_11 m02m_natio1n_12 m02m_lientyp_4 m02m_lientyp_5 m02m_lientyp_6 m02m_lientyp_7 m02m_lientyp_8 m02m_lientyp_9 m02m_lientyp_10 m02m_lientyp_11 m02m_lientyp_12 m02m_sexe_4 m02m_sexe_5 m02m_sexe_6 m02m_sexe_7 m02m_sexe_8 m02m_sexe_9 m02m_sexe_10 m02m_sexe_11 m02m_sexe_12 m02p_bpfranc m02p_lientyp_4 m02p_lientyp_5 m02p_lientyp_6 m02p_lientyp_7 m02p_lientyp_8 m02p_lientyp_9 m02p_lientyp_10 m02p_lientyp_11 m02p_lientyp_12 m02p_natio1n_4 m02p_natio1n_5 m02p_natio1n_6 m02p_natio1n_7 m02p_natio1n_8 m02p_natio1n_9 m02p_natio1n_10 m02p_natio1n_11 m02p_natio1n_12 m02p_sexe_4 m02p_sexe_5 m02p_sexe_6 m02p_sexe_7 m02p_sexe_8 m02p_sexe_9 m02p_sexe_10 m02p_sexe_11 m02p_sexe_12 a01m_natio1n_4 a01m_natio1n_5 a01m_natio1n_6 a01m_natio1n_7 a01m_natio1n_8 a01m_natio1n_9 a01m_natio1n_10 a01p_natio1n_4 a01p_natio1n_5 a01p_natio1n_6 a01p_natio1n_7 a01p_natio1n_8 a01p_natio1n_9 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01m_lientyp_4 a01m_lientyp_5 a01m_lientyp_6 a01m_lientyp_7 a01m_lientyp_8 a01m_lientyp_9 a01m_lientyp_10 a01m_sexe_4 a01m_sexe_5 a01m_sexe_6 a01m_sexe_7 a01m_sexe_8 a01m_sexe_9 a01m_sexe_10 a01p_sexe_4 a01p_sexe_5 a01p_sexe_6 a01p_sexe_7 a01p_sexe_8 a01p_sexe_9

SAS-code

```
proc format
Library=Library.formats;
Value m_gfnationfr
1="yes"
0="no";
run;

data data;
set data;
if m02m_pbfranc=1 then m_gfnationfr = 1;
if m02m_pbfranc in(2,3,4) then m_gfnationfr = 0;
%macro test;
      %do i=4 %to 10;
```

```
      if m02m_natio1n_&i=1 & m02m_lientyp_&i=8 & m02m_sexec1_&i=1 &
m_gfnationfr=. then m_gfnationfr = 1 ; /*grandparent (mother), male french
nationality at birth */
      if m02m_natio1n_&i in (2,3,4) & m02m_lientyp_&i=8 & m02m_sexec1_&i=1
& m_gfnationfr=. then m_gfnationfr = 0;
      %end;
%mend;
%test;

%macro test2;
      %do i=4 %to 10;
      if a01m_natio1n_&i=1 & a01m_lientyp_&i=8 & a01m_sexe_&i=1 &
m_gfnationfr=. then m_gfnationfr = 1;  /*grandparent (mother), male french
nationality at birth*/
      if a01m_natio1n_&i in(2,3,4) & a01m_lientyp_&i=8 & a01m_sexe_&i=1 &
m_gfnationfr=. then m_gfnationfr = 0;
      %end;
%mend;
%test2;

if m02p_bpfranc=1 & m_gfnationfr=. then m_gfnationfr = 1;
if m02p_bpfranc in(2,3,4) & m_gfnationfr=. then m_gfnationfr = 0;

%macro test3;
      %do i=5 %to 9;
      if m02p_natio1n_&i=1 & m02p_lientyp_&i=8 & m02p_sexec1_&i=1 &
m_gfnationfr=. then m_gfnationfr = 1;  /*grandparent (mother), male french
nationality at birth*/
      if m02p_natio1n_&i in (2,3,4) & m02p_lientyp_&i=8 & m02p_sexec1_&i=1
& m_gfnationfr=. then m_gfnationfr = 0;
      %end;
%mend;
%test3;

%macro test4;
      %do i=4 %to 9;
      if a01p_natio1n_&i=1 & a01p_lientyp_&i=8 & a01p_sexe_&i=1 &
m_gfnationfr=. then m_gfnationfr = 1; /*grandparent (mother), male french
nationality at birth*/
      if a01p_natio1n_&i in(2,3,4) & a01p_lientyp_&i=8 & a01p_sexe_&i=1 &
m_gfnationfr=. then m_gfnationfr = 0;
      %end;
%mend;
%test4;

label m_gfnationfr = "grandfather french nationality at birth (mother)";
format m_gfnationfr m_gfnationfr.;
run;

proc freq data=data;
table m_gfnationfr;
run;
```

grandfather french nationality at birth (mother)

m_gfnationfr	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
no	2938	18.95	2938	18.95
yes	12562	81.05	15500	100.00

Fréquence manquante = 2829

Citing

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GRANDMOTHER BORN IN FRANCE (FATHER)

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

f_gmbirthfr

Description

This variable describes if the grandmother (father) was born in France

Wave

1 year

Variable values

1 – yes

0 - no

Required input variables

m02p_mblieu m02p_lnais_4 m02p_lnais_5 m02p_lnais_6 m02p_lnais_7 m02p_lnais_8 m02p_lnais_9 m02p_lnais_10 m02p_lnais_11 m02p_lnais_12 m02p_lientyp_4 m02p_lientyp_5 m02p_lientyp_6 m02p_lientyp_7 m02p_lientyp_8 m02p_lientyp_9 m02p_lientyp_10 m02p_lientyp_11 m02p_lientyp_12 m02p_sexe_4 m02p_sexe_5 m02p_sexe_6 m02p_sexe_7 m02p_sexe_8 m02p_sexe_9 m02p_sexe_10 m02p_sexe_11 m02p_sexe_12 m02m_bmlieu m02m_lnais_4 m02m_lnais_5 m02m_lnais_6 m02m_lnais_7 m02m_lnais_8 m02m_lnais_9 m02m_lnais_10 m02m_lnais_11 m02m_lnais_12 m02m_lientyp_4 m02m_lientyp_5 m02m_lientyp_6 m02m_lientyp_7 m02m_lientyp_8 m02m_lientyp_9 m02m_lientyp_10 m02m_lientyp_11 m02m_lientyp_12 m02m_sexe_4 m02m_sexe_5 m02m_sexe_6 m02m_sexe_7 m02m_sexe_8 m02m_sexe_9 m02m_sexe_10 m02m_sexe_11 m02m_sexe_12 a01p_lnais_4 a01p_lnais_5 a01p_lnais_6 a01p_lnais_7 a01p_lnais_8 a01p_lnais_9 a01m_lnais_4 a01m_lnais_5 a01m_lnais_6 a01m_lnais_7 a01m_lnais_8 a01m_lnais_9 a01m_lnais_10 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01m_lientyp_4 a01m_lientyp_5 a01m_lientyp_6 a01m_lientyp_7 a01m_lientyp_8 a01m_lientyp_9 a01m_lientyp_10 a01m_sexe_4 a01m_sexe_5 a01m_sexe_6 a01m_sexe_7 a01m_sexe_8 a01m_sexe_9 a01m_sexe_10 a01p_sexe_4 a01p_sexe_5 a01p_sexe_6 a01p_sexe_7 a01p_sexe_8 a01p_sexe_9

SAS-code

```
proc format
Library=Library.formats;
Value f_gmbirthfr
1="yes"
0="no";
run;

data data;
set data;
if m02p_mblieu=1 then f_gmbirthfr = 1;
if m02p_mblieu=2 then f_gmbirthfr = 0;
%macro test;
      %do i=5 %to 11;
```

```
      if m02p_lnais_&i=1 & m02p_lientyp_&i=9 & m02p_sexec1_&i=2 &
f_gmbirthfr=. then f_gmbirthfr = 1;  /*grandparent (father), female, born
in france*/
      if m02p_lnais_&i=2 & m02p_lientyp_&i=9 & m02p_sexec1_&i=2 &
f_gmbirthfr=. then f_gmbirthfr = 0;
      %end;
%mend;
%test;
%macro test2;
      %do i=5 %to 10;
      if a01p_lnais_&i=1 & a01p_lientyp_&i=9 & a01p_sexe_&i=2 &
f_gmbirthfr=. then f_gmbirthfr = 1; /*grandparent (father), female, born in
france*/
      if a01p_lnais_&i=2 & a01p_lientyp_&i=9 & a01p_sexe_&i=2 &
f_gmbirthfr=. then f_gmbirthfr = 0;
      %end;
%mend;
%test2;

if m02m_bmlieu=1 & f_gmbirthfr=. then f_gmbirthfr = 1;
if m02m_bmlieu=2 & f_gmbirthfr=. then f_gmbirthfr = 0;

%macro test3;
      %do i=4 %to 10;
      if m02m_lnais_&i=1 & m02m_lientyp_&i=9 & m02m_sexec1_&i=2 &
f_gmbirthfr=. then f_gmbirthfr = 1;  /*grandparent (father), female, born
in france*/
      if m02m_lnais_&i=2 & m02m_lientyp_&i=9 & m02m_sexec1_&i=2 &
f_gmbirthfr=. then f_gmbirthfr = 0;
      %end;
%mend;
%test3;

%macro test4;
      %do i=4 %to 10;
      if a01m_lnais_&i=1 & a01m_lientyp_&i=9 & a01m_sexe_&i=2 &
f_gmbirthfr=. then f_gmbirthfr = 1;  /*grandparent (father), female, born
in france*/
      if a01m_lnais_&i=2 & a01m_lientyp_&i=9 & a01m_sexe_&i=2 &
f_gmbirthfr=. then f_gmbirthfr = 0;
      %end;
%mend;
%test4;

label f_gmbirthfr = "grandmother born in france (father)";
format f_gmbirthfr f_gmbirthfr.;
run;

proc freq data=data;
table f_gmbirthfr;
run;
```

grandmother born in france (father)				
f_gmbirthfr	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
no	2610	19.37	2610	19.37
yes	10865	80.63	13475	100.00
Fréquence manquante = 4854				

Citing

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GRANDMOTHER FRENCH NATIONALITY AT BIRTH (FATHER)

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

f_gmnationfr

Description

This variable describes if the grandmother (father) was born with French nationality

Wave

1 year

Variable values

1 – yes

0 - no

Required input variables

m02p_mbfranc m02p_natio1n_4 m02p_natio1n_5 m02p_natio1n_6 m02p_natio1n_7 m02p_natio1n_8 m02p_natio1n_9 m02p_natio1n_10 m02p_natio1n_11 m02p_natio1n_12 m02p_lientyp_4 m02p_lientyp_5 m02p_lientyp_6 m02p_lientyp_7 m02p_lientyp_8 m02p_lientyp_9 m02p_lientyp_10 m02p_lientyp_11 m02p_lientyp_12 m02p_sexe_4 m02p_sexe_5 m02p_sexe_6 m02p_sexe_7 m02p_sexe_8 m02p_sexe_9 m02p_sexe_10 m02p_sexe_11 m02p_sexe_12 m02m_bmfranc m02m_natio1n_4 m02m_natio1n_5 m02m_natio1n_6 m02m_natio1n_7 m02m_natio1n_8 m02m_natio1n_9 m02m_natio1n_10 m02m_natio1n_11 m02m_natio1n_12 m02m_lientyp_4 m02m_lientyp_5 m02m_lientyp_6 m02m_lientyp_7 m02m_lientyp_8 m02m_lientyp_9 m02m_lientyp_10 m02m_lientyp_11 m02m_lientyp_12 m02m_sexe_4 m02m_sexe_5 m02m_sexe_6 m02m_sexe_7 m02m_sexe_8 m02m_sexe_9 m02m_sexe_10 m02m_sexe_11 m02m_sexe_12 a01m_natio1n_4 a01m_natio1n_5 a01m_natio1n_6 a01m_natio1n_7 a01m_natio1n_8 a01m_natio1n_9 a01m_natio1n_10 a01p_natio1n_4 a01p_natio1n_5 a01p_natio1n_6 a01p_natio1n_7 a01p_natio1n_8 a01p_natio1n_9 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01m_lientyp_4 a01m_lientyp_5 a01m_lientyp_6 a01m_lientyp_7 a01m_lientyp_8 a01m_lientyp_9 a01m_lientyp_10 a01m_sexe_4 a01m_sexe_5 a01m_sexe_6 a01m_sexe_7 a01m_sexe_8 a01m_sexe_9 a01m_sexe_10 a01p_sexe_4 a01p_sexe_5 a01p_sexe_6 a01p_sexe_7 a01p_sexe_8 a01p_sexe_9

SAS-code

```
proc format
Library=Library.formats;
Value f_gmnationfr
1="yes"
0="no";
run;

data data;
set data;
if m02p_mbfranc=1 then f_gmnationfr = 1 ;
if m02p_mbfranc in(2,3,4) then f_gmnationfr = 0;
%macro test;
      %do i=5 %to 11;
```

```
      if m02p_natio1n_&i=1 & m02p_lientyp_&i=9 & m02p_sexec1_&i=2 &
f_gmnationfr=. then f_gmnationfr = 1; /*grandparent (mother), female french
nationality at birth*/
      if m02p_natio1n_&i in(2,3,4) & m02p_lientyp_&i=9 & m02p_sexec1_&i=2 &
f_gmnationfr=. then f_gmnationfr = 0;
      %end;
%mend;
%test
%macro test2;
      %do i=5 %to 10;
      if a01p_natio1n_&i=1 & a01p_lientyp_&i=9 & a01p_sexe_&i=2 &
f_gmnationfr=. then f_gmnationfr = 1;  /*grandparent (mother), female
french nationality at birth*/
      if a01p_natio1n_&i in(2,3,4) & a01p_lientyp_&i=9 & a01p_sexe_&i=2 &
f_gmnationfr=. then f_gmnationfr = 0;
      %end;
%mend;
%test2;

if m02m_bmfranc=1 & f_gmnationfr=. then f_gmnationfr = 1;
if m02m_bmfranc in(2,3,4) & f_gmnationfr=. then f_gmnationfr = 0;

%macro test3;
      %do i=4 %to 10;
      if m02m_natio1n_&i=1 & m02m_lientyp_&i=9 & m02m_sexec1_&i=2 &
f_gmnationfr=. then f_gmnationfr = 1;  /*grandparent (mother), female
french nationality at birth*/
      if m02m_natio1n_&i in(2,3,4) & m02m_lientyp_&i=9 & m02m_sexec1_&i=2 &
f_gmnationfr=. then f_gmnationfr = 0;
      %end;
%mend;
%test3;

%macro test4;
      %do i=4 %to 10;
      if a01m_natio1n_&i=1 & a01m_lientyp_&i=9 & a01m_sexe_&i=2 &
f_gmnationfr=. then f_gmnationfr = 1;  /*grandparent (mother), female
french nationality at birth*/
      if a01m_natio1n_&i in(2,3,4) & a01m_lientyp_&i=9 & a01m_sexe_&i=2 &
f_gmnationfr=. then f_gmnationfr = 0;
      %end;
%mend;
%test4;

label f_gmnationfr = "grandmother french nationality at birth (father)";
format f_gmnationfr f_gmnationfr.;
run;

proc freq data=data;
table f_gmnationfr;
run;
```

grandmother french nationality at birth (father)				
f_gmnationfr	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
no	2034	15.49	2034	15.49
yes	11101	84.51	13135	100.00
Fréquence manquante = 5194				

Citing

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GRANDFATHER BORN IN FRANCE (FATHER)

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

f_gfbirthfr

Description

This variable describes if the grandfather (father) was born in France

Wave

1 year

Variable values

1 – yes

0 - no

Required input variables

m02p_pblieu m02p_lnais_4 m02p_lnais_5 m02p_lnais_6 m02p_lnais_7 m02p_lnais_8 m02p_lnais_9 m02p_lnais_10 m02p_lnais_11 m02p_lnais_12 m02p_lientyp_4 m02p_lientyp_5 m02p_lientyp_6 m02p_lientyp_7 m02p_lientyp_8 m02p_lientyp_9 m02p_lientyp_10 m02p_lientyp_11 m02p_lientyp_12 m02p_sexe_4 m02p_sexe_5 m02p_sexe_6 m02p_sexe_7 m02p_sexe_8 m02p_sexe_9 m02p_sexe_10 m02p_sexe_11 m02p_sexe_12 m02m_bplieu m02m_lnais_4 m02m_lnais_5 m02m_lnais_6 m02m_lnais_7 m02m_lnais_8 m02m_lnais_9 m02m_lnais_10 m02m_lnais_11 m02m_lnais_12 m02m_lientyp_4 m02m_lientyp_5 m02m_lientyp_6 m02m_lientyp_7 m02m_lientyp_8 m02m_lientyp_9 m02m_lientyp_10 m02m_lientyp_11 m02m_lientyp_12 m02m_sexe_4 m02m_sexe_5 m02m_sexe_6 m02m_sexe_7 m02m_sexe_8 m02m_sexe_9 m02m_sexe_10 m02m_sexe_11 m02m_sexe_12 a01p_lnais_4 a01p_lnais_5 a01p_lnais_6 a01p_lnais_7 a01p_lnais_8 a01p_lnais_9 a01m_lnais_4 a01m_lnais_5 a01m_lnais_6 a01m_lnais_7 a01m_lnais_8 a01m_lnais_9 a01m_lnais_10 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01m_lientyp_4 a01m_lientyp_5 a01m_lientyp_6 a01m_lientyp_7 a01m_lientyp_8 a01m_lientyp_9 a01m_lientyp_10 a01m_sexe_4 a01m_sexe_5 a01m_sexe_6 a01m_sexe_7 a01m_sexe_8 a01m_sexe_9 a01m_sexe_10 a01p_sexe_4 a01p_sexe_5 a01p_sexe_6 a01p_sexe_7 a01p_sexe_8 a01p_sexe_9

SAS-code

```
proc format
Library=Library.formats;
Value f_gfbirthfr
1="yes"
0="no";
run;

data data;
set data;
if m02p_pblieu=1 then f_gfbirthfr = 1;
if m02p_pblieu=2 then f_gfbirthfr = 0;

%macro test;
      %do i=5 %to 10;
      if m02p_lnais_&i=1 & m02p_lientyp_&i=9 & m02p_sexec1_&i=1 &
f_gfbirthfr=. then f_gfbirthfr = 1; /*grandparent (father), male, born in
france*/
```

```
      if m02p_lnais_&i=2 & m02p_lientyp_&i=9 & m02p_sexec1_&i=1 &
f_gfbirthfr=. then  f_gfbirthfr = 0;
      %end;
%mend;
%test;

%macro test2;
      %do i=5 %to 10;
      if a01p_lnais_&i=1 & a01p_lientyp_&i=9 & a01p_sexe_&i=1 &
f_gfbirthfr=. then f_gfbirthfr = 1; /*grandparent (father), male, born in
france*/
      if a01p_lnais_&i=2 & a01p_lientyp_&i=9 & a01p_sexe_&i=1 &
f_gfbirthfr=. then f_gfbirthfr = 0;
      %end;
%mend;
%test2;

if m02m_bplieu=1 & f_gfbirthfr=. then f_gfbirthfr = 1;
if m02m_bplieu=2 & f_gfbirthfr=. then f_gfbirthfr = 0;

%macro test3;
      %do i=4 %to 10;
      if m02m_lnais_&i=1 & m02m_lientyp_&i=9 & m02m_sexec1_&i=1 &
f_gfbirthfr=. then f_gfbirthfr = 1; /*grandparent (father), male, born in
france*/
      if m02m_lnais_&i=2 & m02m_lientyp_&i=9 & m02m_sexec1_&i=1 &
f_gfbirthfr=. then f_gfbirthfr = 0;
      %end;
%mend;
%test3;

%macro test4;
      %do i=4 %to 10;
      if a01m_lnais_&i=1 & a01m_lientyp_&i=9 & a01m_sexe_&i=1 &
f_gfbirthfr=. then f_gfbirthfr = 1; /*grandparent (father), male, born in
france*/
      if a01m_lnais_&i=2 & a01m_lientyp_&i=9 & a01m_sexe_&i=1 &
f_gfbirthfr=. then f_gfbirthfr = 0;
      %end;
%mend;
%test4;

label f_gfbirthfr = "grandfather born in france (father)";
format f_gfbirthfr f_gfbirthfr.;
run;

proc freq data=data;
table f_gfbirthfr;
run;
```

grandfather born in france (father)				
f_gfbirthfr	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
no	2740	20.68	2740	20.68
yes	10511	79.32	13251	100.00
Fréquence manquante = 5078				

Citing

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GRANDFATHER FRENCH NATIONALITY AT BIRTH (FATHER)

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

f_gfnationfr

Description

This variable describes if the grandfather (father) was born with French nationality

Wave

1 year

Variable values

1 – yes

0 - no

Required input variables

m02p_pbfranc m02p_natio1n_4 m02p_natio1n_5 m02p_natio1n_6 m02p_natio1n_7 m02p_natio1n_8 m02p_natio1n_9 m02p_natio1n_10 m02p_natio1n_11 m02p_natio1n_12 m02p_lientyp_4 m02p_lientyp_5 m02p_lientyp_6 m02p_lientyp_7 m02p_lientyp_8 m02p_lientyp_9 m02p_lientyp_10 m02p_lientyp_11 m02p_lientyp_12 m02p_sexe_4 m02p_sexe_5 m02p_sexe_6 m02p_sexe_7 m02p_sexe_8 m02p_sexe_9 m02p_sexe_10 m02p_sexe_11 m02p_sexe_12 m02m_natio1n_4 m02m_natio1n_5 m02m_natio1n_6 m02m_natio1n_7 m02m_natio1n_8 m02m_natio1n_9 m02m_natio1n_10 m02m_natio1n_11 m02m_natio1n_12 m02m_lientyp_4 m02m_lientyp_5 m02m_lientyp_6 m02m_lientyp_7 m02m_lientyp_8 m02m_lientyp_9 m02m_lientyp_10 m02m_lientyp_11 m02m_lientyp_12 m02m_sexe_4 m02m_sexe_5 m02m_sexe_6 m02m_sexe_7 m02m_sexe_8 m02m_sexe_9 m02m_sexe_10 m02m_sexe_11 m02m_sexe_12 a01m_natio1n_4 a01m_natio1n_5 a01m_natio1n_6 a01m_natio1n_7 a01m_natio1n_8 a01m_natio1n_9 a01m_natio1n_10 a01p_natio1n_4 a01p_natio1n_5 a01p_natio1n_6 a01p_natio1n_7 a01p_natio1n_8 a01p_natio1n_9 a01p_lientyp_4 a01p_lientyp_5 a01p_lientyp_6 a01p_lientyp_7 a01p_lientyp_8 a01p_lientyp_9 a01m_lientyp_4 a01m_lientyp_5 a01m_lientyp_6 a01m_lientyp_7 a01m_lientyp_8 a01m_lientyp_9 a01m_lientyp_10 a01m_sexe_4 a01m_sexe_5 a01m_sexe_6 a01m_sexe_7 a01m_sexe_8 a01m_sexe_9 a01m_sexe_10 a01p_sexe_4 a01p_sexe_5 a01p_sexe_6 a01p_sexe_7 a01p_sexe_8 a01p_sexe_9

SAS-code

```
proc format
Library=Library.formats;
Value f_gfnationfr
1="yes"
0="no";
run;

data data;
set data;
if m02p_pbfranc=1 then f_gfnationfr = 1 ;
if m02p_pbfranc in (2,3,4) then f_gfnationfr = 0;

%macro test;
      %do i=5 %to 11;
```

```
      if m02p_natio1n_&i=1 & m02p_lientyp_&i=9 & m02p_sexec1_&i=1 &
f_gfnationfr=. then f_gfnationfr = 1; /*grandparent (father), male french
nationality at birth*/
      if m02p_natio1n_&i in(2,3,4) & m02p_lientyp_&i=9 & m02p_sexec1_&i=1 &
f_gfnationfr=. then f_gfnationfr = 0 ;
      %end;
%mend;
%test;

%macro test2;
      %do i=5 %to 10;
      if a01p_natio1n_&i=1 & a01p_lientyp_&i=9 & a01p_sexe_&i=1 &
f_gfnationfr=. then f_gfnationfr = 1; /*grandparent (father), male french
nationality at birth*/
      if a01p_natio1n_&i in(2,3,4) & a01p_lientyp_&i=9 & a01p_sexe_&i=1 &
f_gfnationfr=. then f_gfnationfr = 0;
      %end;
%mend;
%test2;

if m02m_bpfranc=1 & f_gfnationfr=. then f_gfnationfr = 1;
if m02m_bpfranc in(2,3,4) & f_gfnationfr=. then f_gfnationfr = 0;

%macro test3;
      %do i=4 %to 10;
      if m02m_natio1n_&i=1 & m02m_lientyp_&i=9 & m02m_sexec1_&i=1 &
f_gfnationfr=. then f_gfnationfr = 1; /*grandparent (father), male french
nationality at birth*/
      if m02m_natio1n_&i in(2,3,4) & m02m_lientyp_&i=9 & m02m_sexec1_&i=1 &
f_gfnationfr=. then f_gfnationfr = 0;
      %end;
%mend;
%test3;

%macro test4;
      %do i=4 %to 10;
      if a01m_natio1n_&i=1 & a01m_lientyp_&i=9 & a01m_sexe_&i=1 &
f_gfnationfr=. then f_gfnationfr = 1; /*grandparent (father), male french
nationality at birth*/
      if a01m_natio1n_&i in(2,3,4) & a01m_lientyp_&i=9 & a01m_sexe_&i=1 &
f_gfnationfr=. then f_gfnationfr = 0;
      %end;
%mend;
%test4;

label f_gfnationfr = "grandfather french nationality at birth (father)";
format f_gfnationfr f_gfnationfr.;
run;

proc freq data=data;
table f_gfnationfr;
run;
```

grandfather french nationality at birth (father)

f_gfnationfr	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
no	2124	16.43	2124	16.43
yes	10807	83.57	12931	100.00
Fréquence manquante = 5398				

Citing

Please refer to this website for referencing when using this code: In the reference list:

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FATHER LANGUAGE

Variable created by Barbara Castillo, 8TH January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

fleng

Description

This variable describes the main language of the father

Wave

1 year

Variable values

1 – yes

0 - no

Required input variables

m02p_lang1e m02p_lang a01p_lang1e a01p_lang

SAS-code

```
proc format
Library=Library.formats;
Value fleng
1="french"
0="foreign lenguage"
2="not clear";
run;

proc format
Library=Library.formats;
Value flenghome
1="french"
0="other";
run;

proc format
Library=Library.formats;
Value flengent
1="french"
0="other";
run;

data data;
set data;
if m02p_lang1e=2 then flenghome = 1;  /*lenguage spoken at home with the
child*/
if flenghome=. & m02p_lang1e ^=. then flenghome = 0;
if a01p_lang1e=2 & flenghome=. then flenghome = 1;
if flenghome=. & a01p_lang1e^=. then flenghome = 0;
```

```
label flenghome = "lenguage spoken at home with the child, father";

if m02p_lang=1 then flengent = 1; /*interview lenguage*/
if flengent=. & m02p_lang ^= . then flengent = 0;
if a01p_lang=1 & flengent=. then flengent = 1; /*interview lenguage*/
if flengent=. & a01p_lang ^= . then flengent = 0;

label flengent = "lenguage at interview, father";

if flenghome=1 & flengent=1 then fleng = 1;
if flenghome=0 & flengent=1 then fleng = 0; /*french origin lenguage*/
if flenghome=0 & flengent=0 then fleng = 0; /*foreign lenguage as origin*/
if flenghome=1 & flengent=0 then fleng = 2; /*french at home but foreign
lenguage at interview*/

label fleng = "main lenguage";

format fleng fleng.;
format flengent flengent.;
format flenghome flenghome.;
run;

proc freq data=data;
table fleng;
run;
```

main lenguage				
fleng	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
foreign lenguage	443	3.47	443	3.47
french	12275	96.17	12718	99.64
not clear	46	0.36	12764	100.00
Fréquence manquante = 5565				

Citing

Please refer to this website for referencing when using this code: In the reference list:

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GRANDMOTHER LANGUAGE (FATHER)

Variable created by Barbara Castillo, 8TH January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

f_gmleng

Description

This variable describes the main language of the paternal grandmother

Wave

1 year

Variable values

1 – yes

0 - no

Required input variables

m02p_peremlan m02p_mblang m02m_peremlan m02m_bmlang a01p_peremlan a01m_peremlan

SAS-code

```
/*4.15. Grandmother's language (father)*/
proc format
Library=Library.formats;
Value f_gmleng
1="french"
0="other language";
run;

data data;
set data;
if m02p_peremlan=1 then f_gmleng = 1;
if f_gmleng=. & m02p_peremlan ^=. then f_gmleng = 0;
if m02p_mblang=1 & f_gmleng=. then f_gmleng = 1;
if m02p_mblang^=. & f_gmleng=. then f_gmleng = 0;
if a01p_peremlan=1 & f_gmleng=. then f_gmleng = 1;
if f_gmleng=. & a01p_peremlan^=. then f_gmleng = 0;

if m02m_peremlan=1 & f_gmleng=. then f_gmleng = 1;
if m02m_peremlan^=. & f_gmleng=. then f_gmleng = 0;
if m02m_bmlang=1 & f_gmleng=. & m02m_lientyp_4=1 then f_gmleng = 1;
if m02m_bmlang^=. & m02m_bmlang^=1 & m02m_bmlang^=999 & m02m_lientyp_4=1
then f_gmleng = 0; /*not condition*/
/*on missing data, because there are some differences and i tend to trust
info on foreign lenguage*/
if a01m_peremlan=1 & f_gmleng=. then f_gmleng = 1;
if a01m_peremlan^=. & f_gmleng=. then f_gmleng = 0;

label f_gmleng = "main language grandmother";
format f_gmleng f_gmleng.;
run;
```

```
proc freq data=data;
table f_gmleng;
run;
```

main language grandmother				
f_gmleng	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
other language	1697	12.69	1697	12.69
french	11674	87.31	13371	100.00
Fréquence manquante = 4958				

Citing

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GRANDFATHER LANGUAGE (FATHER)

Variable created by Barbara Castillo, 8TH January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

f_gfleng

Description

This variable describes the main language of the paternal grandfather

Wave

1 year

Variable values

1 – yes

0 - no

Required input variables

m02p_pereplan m02p_pblang m02m_pereplan m02m_bplang a01p_pereplan a01m_pereplan

SAS-code

```
proc format
Library=Library.formats;
Value f_gfleng
1="french"
0="other language";
run;

data data;
set data;
if m02p_pereplan=1 then f_gfleng = 1;
if f_gfleng=. & m02p_pereplan^=. then f_gfleng = 0;
if m02p_pblang=1 & f_gfleng=. then f_gfleng = 1;
if m02p_pblang^=. & f_gfleng=. then f_gfleng = 0;
if a01p_pereplan=1 & f_gfleng=. then f_gfleng = 1;
if f_gfleng=. & a01p_pereplan^=. then f_gfleng = 0;

if m02m_pereplan=1 & f_gfleng=. then f_gfleng = 1;
if m02m_pereplan^=. & f_gfleng=. then f_gfleng = 0;
if m02m_bplang=1 & f_gfleng=. & m02m_lientyp_4=1 then f_gfleng = 1;
if m02m_bplang not in(.,1,999) & m02m_lientyp_4=1 then f_gfleng = 0; /*not
condition*/
/*on missing data, because there are some differences and i tend to trust
info on foreign lenguage*/
if a01m_pereplan=1 & f_gfleng=. then f_gfleng = 1;
if a01m_pereplan ^=. & f_gfleng=. then f_gfleng = 0;

label f_gfleng = "main lenguage grandfather father";
format f_gfleng f_gfleng.;
run;
proc freq data=data;
```

```
table f_gfleng;
run;
```

main lenguage grandfather father				
f_gfleng	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
other language	1640	12.43	1640	12.43
french	11549	87.57	13189	100.00
Fréquence manquante = 5140				

Citing

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MOTHER LANGUAGE

Variable created by Barbara Castillo, 8TH January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

mleng

Description

This variable describes the main language of the mother

Wave

1 year

Variable values

1 – yes

0 - no

Required input variables

m02m_lang1e m02m_lang a01m_lang1e a01m_lang

SAS-code

```
proc format
Library=Library.formats;
Value mleng
1="french"
0="foreign language"
2="not clear";
run;

proc format
Library=Library.formats;
value mlenghome
1 ="french"
0 ="other";
run;

proc format
Library=Library.formats;
value mlengent
1 ="french"
0 ="other";
run;

data data;
set data;
if m02m_lang1e=2 then mlenghome = 1; /*lenguage spoken at home with the
child*/
if mlenghome=. & m02m_lang1e^=. then mlenghome = 0;
if a01m_lang1e=2 & mlenghome=. then mlenghome = 1;  /*lenguage spoken at
home with the child*/
if mlenghome=. & a01m_lang1e^=. then mlenghome = 0;
```

```
label mlenghome = "lenguage spoken at home with the child, mother";

if m02m_lang=1 then mlengent = 1; /*interview lenguage*/
if mlengent=. & m02m_lang ^=. then mlengent = 0;
if a01m_lang=1 & mlengent=. then mlengent = 1;  /*interview lenguage*/
if mlengent=. & a01m_lang^=. then mlengent = 0;

label mlengent = "lenguage at interview, mother";

if mlenghome=1 & mlengent=1 then mleng = 1;
if mlenghome=0 & mlengent=1 then mleng = 0; /*french origin lenguage*/
if mlenghome=0 & mlengent=0 then mleng = 0; /*foreign lenguage as origin*/
if mlenghome=1 & mlengent=0 then mleng = 2; /*french at home but foreign
lenguage at interview*/

label mleng = "main lenguage, mother";

format mlenghome mlenghome.;
format mlengent mlengent.;
format mleng mleng.;
run;

proc freq data=data;
table mleng;
run;
```

main lenguage, mother				
mleng	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
foreign language	908	5.55	908	5.55
french	15391	94.13	16299	99.68
not clear	52	0.32	16351	100.00
Fréquence manquante = 1978				

Citing

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GRANDMOTHER LANGUAGE (MOTHER)

Variable created by Barbara Castillo, 8TH January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

m_gmleng

Description

This variable describes the main language of the maternal grandmother

Wave

1 year

Variable values

1 – yes

0 - no

Required input variables

m02m_meremlan m02m_mblang m02p_meremlan m02p_bmlang a01m_meremlan a01p_meremlan

SAS-code

```
proc format
Library=Library.formats;
Value m_gmleng
1="french"
0="other";
run;

data data;
set data;
if m02m_meremlan=1 then m_gmleng = 1;
if m_gmleng=. & m02m_meremlan^=. then m_gmleng = 0;
if m02m_mblang=1 & m_gmleng=. then m_gmleng = 1;
if m02m_mblang^=. & m_gmleng=. then m_gmleng = 0;
if a01m_meremlan=1 & m_gmleng=. then m_gmleng = 1;
if m_gmleng=. & a01m_meremlan ^=. then m_gmleng = 0;
if m02p_meremlan=1 & m_gmleng=. then m_gmleng = 1;
if m02p_meremlan^=. & m_gmleng=. then m_gmleng = 0;
if m02p_bmlang=1 & m_gmleng=. & m02p_lientyp_4=1 then m_gmleng = 1;
if m02p_bmlang ^=. & m02p_bmlang^=1 & m02p_bmlang^=999 & m02p_lientyp_4=1
then m_gmleng = 0; /*not condition*/
/*on missing data, because there are some differences and i tend to trust
info on foreign lenguage*/
if a01p_meremlan=1 & m_gmleng=. then m_gmleng = 1;
if a01p_meremlan^=. & m_gmleng=. then m_gmleng = 0;
label m_gmleng = "main lenguage grandmother, mother";
format m_gmleng m_gmleng.;
run;
```

```
proc freq data=data;
table m_gmleng;
run;
```

main lenguage grandmother, mother				
m_gmleng	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
other	2261	13.81	2261	13.81
french	14107	86.19	16368	100.00
Fréquence manquante = 1961				

Citing

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GRANDFATHER LANGUAGE (MOTHER)

Variable created by Barbara Castillo, 8TH January 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

m_gfleng

Description

This variable describes the main language of the maternal grandfather

Wave

1 year

Variable values

1 – yes

0 - no

Required input variables

m02m_mereplan m02m_pblang m02p_mereplan m02p_bplang a01m_mereplan a01p_mereplan

SAS-code

```
proc format
Library=Library.formats;
Value m_gfleng
1="french"
0="other";
run;

data data;
set data;
if m02m_mereplan=1 then m_gfleng = 1;
if m_gfleng=. & m02m_mereplan^=. then m_gfleng = 0;
if m02m_pblang=1 & m_gfleng=. then m_gfleng = 1;
if m02m_pblang^=. & m_gfleng=. then m_gfleng = 0;
if a01m_mereplan=1 & m_gfleng=. then m_gfleng = 1;
if m_gfleng=. & a01m_mereplan^=. then m_gfleng = 0;

if m02p_mereplan=1 & m_gfleng=. then m_gfleng = 1;
if m02p_mereplan^=. & m_gfleng=. then m_gfleng = 0;
if m02p_bplang=1 & m_gfleng=. & m02p_lientyp_4=1 then m_gfleng = 1;
if m02p_bplang not in (.,1,999) & m02p_lientyp_4=1 then m_gfleng = 0;
/*not condition*/
/*on missing data, because there are some differences and i tend to trust
info on foreign lenguage*/
if a01p_mereplan=1 & m_gfleng=. then m_gfleng = 1;
if a01p_mereplan^=. & m_gfleng=. then m_gfleng = 0;

label m_gfleng = "main lenguage grandfather mother";
format m_gfleng m_gfleng.;
```

```
run;

proc freq data=data;
table m_gfleng;
run;
```

main lenguage grandfather mother				
m_gfleng	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
other	2292	14.18	2292	14.18
french	13870	85.82	16162	100.00
Fréquence manquante = 2167				

Citing

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MOTHER IMMIGRANT STATUS

Variable created by Barbara Castillo, 8TH January 2016

Variable name

mimm

Description

This variable describes the mother's immigrant history

Comments

The code of this variable is not available in this document since this variable is the result of a quite long process of imputation. Thus, the code is available in the mini-site in a separated STATA do-file with an explanation of the full process.

Wave

2 months, 1 year

Variable values

1 - Immigrant mother
2 - Mother descendant of two immigrants
3 - Mother descendant of at least one immigrant
4 - Rest of population

Required input variables

-

Stata-code

-

Citing

Please refer to this website for referencing when using this code: In the reference list:

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FATHER IMMIGRANT STATUS

Variable created by Barbara Castillo, 8TH January 2016

Variable name

fimm

Description

This variable describes the father's immigrant history

Comments

The code of this variable is not available in this document since this variable is the result of a quite long process of imputation. Thus, the code is available in the mini-site in a separated STATA do-file with an explanation of the full process.

Wave

2 months, 1 year

Variable values

1 - Immigrant father
2 - Father descendant of two immigrants
3 - Father descendant of at least one immigrant
4 - Rest of population

Required input variables

-

Stata-code

-

Citing

Please refer to this website for referencing when using this code: In the reference list:

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MOTHER'S COUNTRY OF ORIGIN (IMMIGRANT)

Variable created by Barbara Castillo, 27TH June 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

mctry

Description

This variable describes the father's country of origin

Wave

1 year

Variable values

1 "EU" 2 "Turkey" 3 "Morocco" 4 "Algeria" 5 "Tunisia" 6 "French-speaking Sub-Saharan Africa" 7 "Other Sub-Saharan Africa" 8 "Eastern/Central Europe" 9 "Asia" 10 "South/Central America" 11 "Others"

Required input variables

m00m2_pays5naism m02m_pays25nais_3 a01m_pays25nais_3

SAS-code

```
proc format
Library=Library.formats;
Value mctry
1= "EU"
2= "Turkey"
3= "Morocco"
4= "Algeria"
5= "Tunisia"
6= "French-speaking Sub-Saharan Africa"
7= "Other Sub-Saharan Africa"
8= "Eastern/Central Europe"
9= "Asia"
10= "South/Central America"
11= "Others";
run;

data data;
set data;
mctry = m00m2_pays5naism;
if mctry =12 then mctry = .;
/*if mctry in (11,.) then mctry = m02m_pays25nais_3; */
/*if mctry in(12) then mctry = .; */
if mctry in(11,.) then mctry = a01m_pays25nais_3;
if mctry in(12) then mctry = .;
label mctry = "Mother's country of origin";
format mctry mctry.;
run;
```

```
proc freq data=data;
table mctry;
run;
```

Mother's country of origin				
mctry	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
EU	404	17.00	404	17.00
Turkey	57	2.40	461	19.39
Morocco	342	14.39	803	33.78
Algeria	399	16.79	1202	50.57
Tunisia	100	4.21	1302	54.77
French-speaking Sub-Saharan Africa	557	23.43	1859	78.21
Other Sub-Saharan Africa	96	4.04	1955	82.25
Eastern/Central Europe	88	3.70	2043	85.95
Asia	177	7.45	2220	93.40
South/Central America	137	5.76	2357	99.16
Others	20	0.84	2377	100.00
Fréquence manquante = 15952				

Citing

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FATHER'S COUNTRY OF ORIGIN (IMMIGRANT)

Variable created by Barbara Castillo, 27TH June 2016
SAS Code created by Khaled Ben Jemaa, March 20th 2017

Variable name

fctry

Description

This variable describes the mother's country of origin

Wave

1 year

Variable values

1 "EU" 2 "Turkey" 3 "Morocco" 4 "Algeria" 5 "Tunisia" 6 "French-speaking Sub-Saharan Africa" 7 "Other Sub-Saharan Africa" 8 "Eastern/Central Europe" 9 "Asia" 10 "South/Central America" 11 "Others"

Required input variables

m00m2_pays5naisp m02p_pays25nais_4 m02p_lientyp_4 a01p_pays25nais_4-10 a01p_lientyp_4-10

Stata-code

```
proc format
Library=Library.formats;
Value fctry
1= "EU"
2= "Turkey"
3= "Morocco"
4= "Algeria"
5= "Tunisia"
6= "French-speaking Sub-Saharan Africa"
7= "Other Sub-Saharan Africa"
8= "Eastern/Central Europe"
9= "Asia"
10= "South/Central America"
11= "Others";
run;

data data;
set data;
fctry = m00m2_pays5naisp;
if fctry=12 then fctry = .;
if m02p_lientyp_4=1 & fctry in(11,.) then fctry = m02p_pays25nais_4;
if fctry =12 then fctry = .;
/*%macro test;
      %do i=4 %to 10;
      if a01p_lientyp_&i=1 & fctry in(11,.) then fctry =
a01p_pays25nais_&i;
```

```
      %end;
%mend;
%test;*/
if fctry=12 then fctry = .;
label fctry = "Father's country of origin";
run;

proc freq data=data;
table fctry;
run;
```

Father's country of origin				
fctry	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
EU	342	14.40	342	14.40
Turkey	91	3.83	433	18.23
Morocco	384	16.17	817	34.40
Algeria	476	20.04	1293	54.44
Tunisia	170	7.16	1463	61.60
French-speaking Sub-Saharan Africa	513	21.60	1976	83.20
Other Sub-Saharan Africa	111	4.67	2087	87.87
Eastern/Central Europe	52	2.19	2139	90.06
Asia	110	4.63	2249	94.69
South/Central America	94	3.96	2343	98.65
Others	32	1.35	2375	100.00
Fréquence manquante = 15954				

Citing

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6. Identification variables

MATERNITY WAVE SAMPLE

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, February 4th 2017

Variable name

maternity

Description

This variable identifies the maternity wave sample (completed and partially completed questionnaires)

Wave

maternity

Variable values

1 – yes

0 - no

Required input variables

m00m2_faf

SAS-code

```
proc format library=Library.formats;
value maternity
0 = "no"
1 = "yes";
run;

data data;
set data;
if m00m2_faf=1 then maternity = 1 ;
if m00m2_faf in(.,0) then maternity = 0 ;
format maternity maternity.;
label maternity="The child is included in the maternity wave";
run;

proc freq data=data;
table maternity;
run;
```

The child is included in the maternity wave

maternity	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
no	182	0.99	182	0.99
yes	18147	99.01	18329	100.00

Citing

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2 MONTHS WAVE SAMPLE

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, February 4th 2017

Variable name

months2

Description

This variable identifies the 2 months wave sample (completed and partially completed questionnaires)

Wave

2 months

Variable values

1 – yes

0 - no

Required input variables

M02X_QMERECOMP2M M02X_TYPQMERE2M m02x_qpecfcomp2m m02x_typqpecf2m m02x_partimere2m

SAS-code

```
proc format library=Library.formats;
value secondmonths
0 = "no"
1 = "yes";
run;

data data;
set data;
if m02x_qmerecomp2m in(1,2) & m02x_typqmere2m in(1,2,3) then  months2 = 1;
/*completed and partially completed, mother referent*/
if m02x_qpecfcomp2m in(1,2) & m02x_typqpecf2m in(1,2) then months2 = 1;
/*completed and partially completed, father referent*/

if m02x_partimere2m=10 & months2=. then months2 = 1 ;
if months2=. then months2 = 0;
label months2 = "The child is included in the 2months wave";
format months2 secondmonths.;
run;

proc freq data=data;
table months2;
run;
```

The child is included in the 2months wave

months2	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
no	1782	9.72	1782	9.72
yes	16547	90.28	18329	100.00

Citing

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1 YEAR WAVE SAMPLE

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, February 4th 2017

Variable name

Year1

Description

This variable identifies the 1 year wave sample (completed and partially completed questionnaires)

Wave

1 year

Variable values

1 – yes

0 - no

Required input variables

a01x_qmerecomp1a a01x_typqmere1a a01x_qpecfcomp1a a01x_typqpecf1a a01x_partimere1a

Stata-code

```
proc format library=Library.formats;
value firstyear
1="Yes"
0="No";
run;

data data;
set data;
if a01x_qmerecomp1a in(1,2) & a01x_typqmere1a in(1,2,3) then year1=1;
/*Completed and partially completed, mother referent*/
if a01x_qpecfcomp1a in(1,2) & a01x_typqpecf1a in(1,2) then year1=1;
/*completed and partially completed, father referent*/
if a01x_partimere1a=10 and year1=. then year1 = 1 ;
if year1=. then year1 = 0 ;
label year1 = "The child is included in the 1 year wave";
format year1 firstyear.;
run;

proc freq data=data;
table year1;
run;
```

The child is included in the 1 year wave				
year1	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
No	3657	19.95	3657	19.95
Yes	14672	80.05	18329	100.00

Citing

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UNKNOWN FATHER, 2 months

Variable created by Barbara Castillo, 8th January 2016
SAS Code created by Khaled Ben Jemaa, February 4th 2017

Variable name

f_unknown

Description

This variable identifies if the child's father is unknown to ELFE

Wave

2 months

Variable values

1 – yes

0 - no

Required input variables

M00M2_ETATMAT M00M2_COUPLE M00M2_RECONU M02M_RECON M02M_EFVIT M02X_TYPQMERE2M M02X_TYPQPECF2M M02M_LIENTYP_4

SAS-Code

*father recognize child

```
proc format
library=Library.formats;
value father_recogn_child;
1="Yes"
0="No";
run;

data data;
set data;
father_recogn_child=.;
if m00m2_etatmat=1 & m00m2_couple=1 then father_recogn_child = 1 ;
if m00m2_reconu=1 & father_recogn_child=. then father_recogn_child = 1 ;
if m02m_recon=1 & father_recogn_child=. then father_recogn_child = 1 ;
if a01m_recon=1 & father_recogn_child=. then father_recogn_child = 1 ;
if m00m2_reconu=0 & father_recogn_child=. then father_recogn_child = 0;
if m02m_recon=2 & father_recogn_child=. then father_recogn_child = 0 ;
if a01m_recon=2 & father_recogn_child=. then father_recogn_child = 0 ;
format father_recogn_child father_recogn_child.;
label father_recogn_child = "father has recognized the child";
run;
```

* person living with the child

```
proc format
library=Library.formats;
value child_hhld
1="both father and mother"
```

```
2="mother"
3="father"
4="rotating custody"
5="foster parents"
6="at the hospital";
run;

data data;
set data;
if m02m_efvit=1 then child_hhld=1;
if m02m_efvit=2 then child_hhld=2;
if m02m_efvit=3 then child_hhld=3;
if m02m_efvit=4 then child_hhld=4;
if m02m_efvit=5 then child_hhld=5;
if m02m_efvit in (6,7) then child_hhld=6 ;

if m02x_typqmere2m=3 & child_hhld=. then child_hhld=6;
if m02x_typqmere2m=4 & child_hhld=. then child_hhld=5;

if m02x_typqpecf2m=3 & child_hhld=. then child_hhld=3;
if m02x_typqpecf2m=5 & child_hhld=. then child_hhld=6;
if m02x_typqpecf2m=6 & child_hhld=. then child_hhld=5;
if m02x_typqpecf2m=7 & child_hhld=. then child_hhld=2;
if m02x_typqpecf2m=8 & child_hhld=. then child_hhld=6;
if m02x_typqpecf2m=9 & child_hhld=. then child_hhld=5;

if m02m_lientyp_4=1 & child_hhld=. then child_hhld=1;
if m02m_lientyp_4^= 1 & child_hhld=. then child_hhld=2;

format child_hhld child_hhld.;
label child_hhld="person living with the child, 2 months";
run;


/** Unknown Father */
proc format
Library=Library.formats;
Value f_unknown
1="yes"
0="no";
run;

data data;
set data;
/*if father is not in the household, the father did not recognise the
child, and he did not answer the questionnaire....*/
if child_hhld=2 & m02p_lientyp_4 ^=1 & father_recogn_child=0 then f_unknown
= 1;
if m02m_infper in (2,3,4) & f_unknown=. then f_unknown = 1;
if f_unknown=. then f_unknown = 0;

label f_unknown = "the father is unknown to elfe, 2 months";
format f_unknown f_unknown.;
run;

proc freq data=data;
table f_unknown;
run;
```

the father is unknown to elfe, 2 months				
f_unknown	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
no	17889	97.60	17889	97.60
yes	440	2.40	18329	100.00

Citing

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MOVING BETWEEN 2 MONTHS AND 1 YEAR

Variable created by Barbara Castillo, 1th March 2016
SAS Code created by Khaled Ben Jemaa, February 4th 2017

Variable name

demenag

Description

This variable identifies if the household moved between 2 months and 1 year

Wave

1 year

Variable values

1 – yes

0 - no

Required input variables

a01m_demenag if a01p_demenag a01p_lientyp_3 to 10

SAS-code

```
proc format library=Library.formats;
value demenag
1="Yes"
0="No";
run;

data data;
set data;

if a01m_demenag=1 then demenag = 1;
if a01m_demenag=2 then demenag = 0;
%macro test;
      %do i = 4 %to 10 ;
            if a01p_demenag=1 & a01p_lientyp_&i=2 & demenag=. then demenag
= 1;
            if a01p_demenag=2 & a01p_lientyp_&i=2 & demenag=. then demenag
= 0;
      %end;
%mend;
%test;
label demenag= "The household moved between 2months and 1year";
format demenag demenag;
run;

proc freq data=data;
table demenag;
run;
```

The household moved between 2months and 1year				
demenag	Fréquence	Pourcentage	Fréquence cumulée	Pctage cumulé
0	12264	84.06	12264	84.06
1	2326	15.94	14590	100.00
Fréquence manquante = 3739				

Citing

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