

## CAF11 - NOTES

(Family History Questionnaire)

The following summarizes changes made to the dataset C1F11 for public use distribution.

1. The following variables were deleted:

C11IVID

2. The following variables were transformed (listed by type of variable):

*Continuous:* C11FAGE, C11MAGE, C11BDIAB, C11BHBP, C11BSTRK, C11NOBRO, C11NOSIS, C11SDIAB, C11SHBP, C11SSTRK

Please note that the transformation rule was applied to the variables referring to number of siblings only for those values greater than 0. If less than 20 observations in a given race-gender strata had values greater than 0, all values for that strata were set to missing.



5	C11MHBP	Num	3	12	DOES PT'S MOTHER HIGH BLOOD PR.?
1	C11MOMLV	Num	3	0	IS PT'S MOTHER ALIVE
6	C11MSTRK	Num	3	15	HAS PT'S MOTHER EVER HAD A STROKE?
17	C11NOBRO	Num	3	53	# OF PT'S FULL BROTHERS
18	C11NOSIS	Num	3	56	# OF PT'S FULL SISTERS
20	C11SDIAB	Num	3	62	# OF PT'S SISTERS WITH DIABETES
22	C11SHBP	Num	3	68	# OF PT'S SISTERS WITH HYPERTENSION
24	C11SSTRK	Num	3	74	# OF PT'S SISTERS THAT HAD A STROKE
25	PID	Num	8	77	

```
* CAF11.SAS;

* Template program for creating public use datasets;
* This calls different macros to transform those variables so identified;
* H. McCreath 7/99;
```

```
options ps=59 ls=75 macrogen;
```

```
libname orig 'f:\examdata\y5';
* above corresponds to q:\examdata\y5;
```

```
* All references to c:\qdrive\sas\pud correspond to q:\sas\pub;
```

```
libname new 'c:\qdrive\sas\pud';
```

```
%include 'c:\qdrive\sas\pud\dichx.sas';
%include 'c:\qdrive\sas\pud\contx.sas';
%include 'c:\qdrive\sas\pud\datex.sas';
%include 'c:\qdrive\sas\pud\polyx.sas';
```

```
data temp;
  merge orig.c1f11 (in=inorig)
        new.pid;
  by id;
  if inorig;
```

```
* Recode missing values so not included in transformation;
if c11fage in(8,88) then c11fage=.;
if c11mage in(8,88) then c11mage=.;
```

```
* Create temporary variables for transformations;
array sibs c11bdiab c11bhbp c11bstrk c11nobro
        c11sdiab c11shbp c11sstrk c11nosis;
array new temp1 temp2 temp3 temp4 temp5 temp6 temp7 temp8;
```

```
do a=1 to dim(sibs);
  if sibs[a]=88 then sibs[a]=.;
  if sibs[a]>0 then new[a]=sibs[a];
end;
```

```
/*
title2 'ORIGINAL VARIABLE';
```

```

%polyx());

title2 'TRANSFORMED VARIABLE';
%polyx());
*/

title2;
/*
%dichx());
*/

%confrun(temp1,'BDIAB');
%confrun(temp2,'BHBP');
%confrun(temp3,'BSTRK');
%confrun(c11fage,'FAGE');
%confrun(c11mage,'MAGE');
%confrun(temp4,'NOBRO');
%confrun(temp8,'NOSIS');
%confrun(temp5,'SDIAB');
%confrun(temp6,'SHBP');
%confrun(temp7,'SSTRK');

/*
%datex());
*/

proc sort data=temp; by pid;
run;

data new.caf11;
  set temp;

if gr=' ' then delete;

* Reset values due to transformations;
array sibs c11bdiab c11bhbp c11bstrk c11nobro
          c11sdiab c11shbp c11sstrk c11nosis;
array new temp1 temp2 temp3 temp4 temp5 temp6 temp7 temp8;

do b=1 to dim(sibs);
  if sibs[b]>0 then sibs[b]=new[b];
end;

```

```
* Recode for those groups with Ns to small for transformation;  
if gr in('BM','WF','WM') then c11bdiab=.;  
if gr in('BF','BM','WF','WM') then c11bstrk=.;  
if gr in('WM') then c11sdiab=.;  
if gr in('BF','BM','WF','WM') then c11sstrk=.;
```

```
* Drop following variables;
```

```
drop a b temp1--temp8 c11ivid;
```

```
* Delete CARDIA ID variables;  
drop id shortid short_id center gr;
```

```
proc contents;  
  title 'CARDIA PUBLIC USE DATA - VERSION 1.0';  
run;
```