*SYNTAX FOR OBTAINING INFORMATION ON EARLIER LIVING CONDITIONS FROM LSN067.

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GET

  FILE='N:\SOURCEDATA\LASA_WAVE_A_LSN\LSNA067.SAV'.

*Add birth-year information to compute end periods that are indicated with "continues".

MATCH FILES /FILE=*

 /FILE='N:\SOURCEDATA\LASA_Z\LASAZ004.SAV'

 /RENAME (bycohort aeducat aedu aethnic anation sex = d0 d1 d2 d3 d4 d5)

 /BY respnr

 /DROP= d0 d1 d2 d3 d4 d5.

EXECUTE.

*IGNORE WARNING ABOUT DUPLICATE KEY HERE; MATCHING SEEMS TO BE OK.

*Compute age from birth year.

COMPUTE Respage = (1992-byear).

EXECUTE.

  *"-3" is age 0-12 in start and end period, recoded to "12", since these occupations do not apply to very young children! Further, if "start period" is "continues" this is recoded to SYSMIS, since this makes no sense (should only apply to "end period", and we cannot infer a start age from other information. Subsequently, if end period was "-2: continues" this was recoded to Respage.

RECODE astaper (-3=12) (-2,-1=SYSMIS) (ELSE=COPY).

RECODE aendper (-3=12) (-2=-2) (-1=SYSMIS) (ELSE=COPY).

DO IF aendper=-2.

COMPUTE aendper=Respage.

END IF.

*LENGTH OF PERIODS TOTAL: amil, aunemp, adisab, ahome.

DO IF aemptyp=1.

COMPUTE amil=(aendper - astaper).

END IF.

DO IF aemptyp=2.

COMPUTE aunemp=(aendper - astaper).

END IF.

DO IF aemptyp=3.

COMPUTE adisab=(aendper - astaper).

END IF.

DO IF aemptyp=4.

COMPUTE ahome=(aendper - astaper).

END IF.

EXECUTE.

 *Reverse negative length values (n=9). Assumes that start and end should have been reversed.

DO IF amil<0.

COMPUTE amil=amil*-1.

END IF.

DO IF aunemp<0.

COMPUTE aunemp=aunemp*-1.

END IF.

DO IF adisab<0.

COMPUTE adisab=adisab*-1.

END IF.

DO IF ahome<0.

COMPUTE ahome=ahome*-1.

END IF.

EXECUTE.

 *LENGTH OF PERIODS BEFORE AGE 65: amil65, aunemp65, adisab65, ahome65.

 *Every value on astaper and aendper that is 65 or higher should be recoded to 65.

 *Every start age of 65 should then be recoded to SYSMIS, since it does not apply.

 *Every end age of 65 can be retained, but will also become SYSMIS if no corresponding start age below 65 exists.

COMPUTE astper65 = astaper.

RECODE astper65 (65 thru HIGHEST=SYSMIS) (ELSE=COPY).

COMPUTE aenper65 = aendper.

RECODE aenper65 (65 thru HIGHEST=65) (ELSE=COPY).

 *Calculate length of periods separately for each type of occupation.

DO IF aemptyp=1.

COMPUTE amil65=(astper65 - aenper65).

END IF.

DO IF aemptyp=2.

COMPUTE aunemp65=(astper65 - aenper65).

END IF.

DO IF aemptyp=3.

COMPUTE adisab65=(astper65 - aenper65).

END IF.

DO IF aemptyp=4.

COMPUTE ahome65=(astper65 - aenper65).

END IF.

EXECUTE.

*Reverse negative length values (n=9). Assumes that start and end should have been reversed.

DO IF amil65<0.

COMPUTE amil65=amil65*-1.

END IF.

DO IF aunemp65<0.

COMPUTE aunemp65=aunemp65*-1.

END IF.

DO IF adisab65<0.

COMPUTE adisab65=adisab65*-1.

END IF.

DO IF ahome65<0.

COMPUTE ahome65=ahome65*-1.

END IF.

EXECUTE.

*Recode values of 0 to 1. The respondent did indicate that this type of occupation was present (because there is a record present), but indicated that start and end year were the same. I therefore assume that the period was 1 year. This type of period is frequently mentioned.

RECODE amil aunemp adisab ahome amil65 aunemp65 adisab65 ahome65 (0=1).

EXECUTE.

*select only respondents that have indicated 1 or more periods.

RECODE aemptyp (1 thru 4=1) (ELSE=0) into aempfilter.

SELECT IF (NOT(aempfilter=0)).

EXECUTE.

*restructure multiple records to multiple variables in order to combine the periods.

CASESTOVARS

 /ID=respnr

 /INDEX=arec067 aemptyp

 /GROUPBY=INDEX.

*add all mentioned periods to single variables expressing total length of condition.

 *total.

COMPUTE aune_t = SUM (aunemp.1.2, aunemp.2.2, aunemp.3.2, aunemp.4.2, aunemp.5.2,

aunemp.6.2, aunemp.7.2, aunemp.8.2, aunemp.9.2).

COMPUTE adis_t = SUM (adisab.1.3, adisab.2.3, adisab.3.3, adisab.4.3, adisab.5.3, adisab.6.3, adisab.7.3).

COMPUTE ahom_t = SUM (ahome.1.4, ahome.2.4, ahome.3.4, ahome.4.4, ahome.5.4, ahome.6.4, ahome.7.4).

 *total before age 65.

COMPUTE aune_t65 = SUM (aunemp65.1.2, aunemp65.2.2, aunemp65.3.2, aunemp65.4.2, aunemp65.5.2, aunemp65.6.2, aunemp65.7.2, aunemp65.8.2, aunemp65.9.2).

COMPUTE adis_t65 = SUM (adisab65.1.3, adisab65.2.3, adisab65.3.3, adisab65.4.3, adisab65.5.3,

adisab65.6.3, adisab65.7.3).

COMPUTE ahom_t65 = SUM (ahome65.1.4, ahome65.2.4, ahome65.3.4, ahome65.4.4, ahome65.5.4,

ahome65.6.4, ahome65.7.4).

VARIABLE LABELS amil Years in military service.

VARIABLE LABELS amil65 Years in military service before age 65.

VARIABLE LABELS aune_t Years of unemployment.

VARIABLE LABELS aune_t65 Years of unemployment before age 65.

VARIABLE LABELS ahom_t Years of homemaking.

VARIABLE LABELS ahom_t65 Years of homemaking before age 65.

VARIABLE LABELS adis_t Years in occupational disability arrangements.

VARIABLE LABELS adis_t65 Years in occupational disability arrangements before age 65.