

* PRE-PROCESSING provides;

DATA: studybase

idnr	sex	birthdate	entry	exit
2	2	1983.0	2000.0	2008.0

DATA: residence

expevent	valuec	date	idnr
residence	MA	2001.0	2
residence	CA	2004.5	2

DATA: workout

expevent	cum_hired	idnr	date	value
new_job	0.0	2	2001.0	.
employed	0.0	2	2001.0	1.0
cum_employed	0.0	2	2001.0	0.0
employed	1.5	2	2002.5	0.0
cum_employed	1.5	2	2002.5	1.5
new_job	1.5	2	2003.0	.
employed	1.5	2	2003.0	1.0
cum_employed	1.5	2	2003.0	1.5
employed	3.0	2	2004.5	0.0
cum_employed	3.0	2	2004.5	3.0

* STRATIFICATION AND AGGREGATION ;

%stratify(data=studybase out=output

subject=idnr time=date scale=1

granularity=0.0001 eventtime=exit;

expdats workout residence;

class sex;

zrtf ws v=v c="employed" ;

zrtf wc v=v c="cum_employed";

zrtf wc_at v=t c="cum_employed";

zrtf age_job1 v=a c="new_job" n=1

groups=15 to 30 by 1 missing=99;

zrtf jobs v=n c="new_job";

zrtf ever_hired v=i c="new_job";

zrtf state v=cv c="residence" ;

brtf cum_work time=wc_at speed=ws value=wc

cuts=0 2 4 6 99;

axis year o=0 c=2000 to 2008 by 1);

DATA: output - (re-)sorted to facilitate reading

sex	age_	ever_	cum_					
	job1	jobs	hired	state	year	work	events	pyrs
2	99	0	0		2000	99	0	1.0
2	18	1	1	MA	2001	0	0	1.0
2	18	1	1	MA	2002	0	0	1.0
2	18	2	1	MA	2003	0	0	0.5
2	18	2	1	MA	2003	2	0	0.5
2	18	2	1	CA	2004	2	0	0.5
2	18	2	1	MA	2004	2	0	0.5
2	18	2	1	CA	2005	2	0	1.0
2	18	2	1	CA	2006	2	0	1.0
2	18	2	1	CA	2007	2	0	1.0