

* PRE-PROCESSING provides;

DATA: studybase

idnr	sex	birthdate	entry	exit	deathdate
1	1	01JAN1935	01JAN2000	01JAN2008	01JAN2005
2	2	01JAN1940	01JAN2000	01JAN2008	.

* STRATIFICATION AND AGGREGATION ;

```
%stratify(options data=studybase out=py
scale=365.25 mode=single eventtime=deathdate;
class sex;
axis yr o="01JAN2000"D cuts=0 to 8 by 1;
axis age o=birthdate cuts=0 50 60 65 70);
```

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

sex	yr	age	events	pyrs
1	0	60	0	0.00068
1	0	65	0	0.99932
1	1	65	0	1.00000
1	2	65	0	1.00000
1	3	65	0	1.00000
1	4	65	0	1.00000
1	5	65	0	0.00068
1	5	70	1	0.00411
2	0	60	0	1.00000
2	1	60	0	1.00000
2	2	60	0	1.00000
2	3	60	0	1.00000
2	4	60	0	1.00000
2	5	65	0	1.00000
2	6	65	0	1.00000
2	7	65	0	1.00000

* POST-PROCESSING ;

```
data py; set py;
logpyrs=log(pyrs);
yr=yr+2000;
run;
```

* ANALYSES ;

```
proc genmod;
class sex age yr;
model events=sex age yr
/d=poisson offset=logpyrs;
run;
```