

```
/******主教材各章例题SAS程序*****/  
/******第十二章******/
```

```
/***例12-1，KM法—生存率******/
```

```
data a12_1;  
    input t d@@;  
cards;  
2 1  
5 1  
8 1  
9 1  
9 0  
10 1  
13 1  
13 1  
15 0  
18 1  
20 1  
23 0  
;  
proc lifetest method = pl ;  
    time t * d(0);  
run;
```

```
/***例12-2，寿命比法—生存率******/
```

```
data a12_2;  
    input t status number;  
cards;  
1 1 51  
3 1 45  
5 1 66  
7 1 56  
9 1 65  
11 1 61  
13 1 75  
15 1 67  
17 1 59  
19 1 43  
21 1 61  
23 1 56  
25 1 34  
27 1 25  
29 1 30  
31 1 24  
33 1 11  
35 1 13  
37 1 6  
39 1 5  
41 1 1  
43 1 1  
;  
proc lifetest method = life width = 2;
```

```

    time t * status(0);
    freq number;
run;

/****例12-3, 生存率比较*****/
data a12_3;
    input group t status ;
cards;
1 2 1
1 5 1
1 8 1
1 9 1
1 9 0
1 10 1
1 13 1
1 13 1
1 15 0
1 18 1
1 20 1
1 23 0
2 2 1
2 2 1
2 3 1
2 5 1
2 6 1
2 6 1
2 8 1
2 9 1
2 10 1
2 14 0
;
proc lifetest ;
    time t * status(0);
    strata group;
run;

```