> tp=0:23

> np=21

> wp=rep(0,23)

> dp=c(2,2,1,2,2,0,0,4,0,0,2,2,0,0,1,0,1,0,0,0,0,1,1)

> library("KMsurv", lib.loc="~/R/win-library/3.4")

> outp=lifetab(tp,np,wp,dp)

> outp

nsubs nlost nrisk nevent surv pdf hazard se.surv

0-1 21 0 21 2 1.00000000 0.09523810 0.10000000 0.00000000

1-2 19 0 19 2 0.90476190 0.09523810 0.11111111 0.06405645

2-3 17 0 17 1 0.80952381 0.04761905 0.06060606 0.08568909

3-4 16 0 16 2 0.76190476 0.09523810 0.13333333 0.09294286

4-5 14 0 14 2 0.66666667 0.09523810 0.15384615 0.10286890

5-6 12 0 12 0 0.57142857 0.00000000 0.00000000 0.10798985

6-7 12 0 12 0 0.57142857 0.00000000 0.00000000 0.10798985

7-8 12 0 12 4 0.57142857 0.19047619 0.40000000 0.10798985

8-9 8 0 8 0 0.38095238 0.00000000 0.00000000 0.10597117

9-10 8 0 8 0 0.38095238 0.00000000 0.00000000 0.10597117

10-11 8 0 8 2 0.38095238 0.09523810 0.28571429 0.10597117

11-12 6 0 6 2 0.28571429 0.09523810 0.40000000 0.09858079

12-13 4 0 4 0 0.19047619 0.00000000 0.00000000 0.08568909

13-14 4 0 4 0 0.19047619 0.00000000 0.00000000 0.08568909

14-15 4 0 4 1 0.19047619 0.04761905 0.28571429 0.08568909

15-16 3 0 3 0 0.14285714 0.00000000 0.00000000 0.07636035

16-17 3 0 3 1 0.14285714 0.04761905 0.40000000 0.07636035

17-18 2 0 2 0 0.09523810 0.00000000 0.00000000 0.06405645

18-19 2 0 2 0 0.09523810 0.00000000 0.00000000 0.06405645

19-20 2 0 2 0 0.09523810 0.00000000 0.00000000 0.06405645

20-21 2 0 2 0 0.09523810 0.00000000 0.00000000 0.06405645

21-22 2 0 2 1 0.09523810 0.04761905 0.66666667 0.06405645

22-23 1 0 1 1 0.04761905 NA NA 0.04647143

se.pdf se.hazard

0-1 0.06405645 0.07062223

1-2 0.06405645 0.07844608

2-3 0.04647143 0.06057823

3-4 0.06405645 0.09407116

4-5 0.06405645 0.10846333

5-6 NaN NaN

6-7 NaN NaN

7-8 0.08568909 0.19595918

8-9 NaN NaN

9-10 NaN NaN

10-11 0.06405645 0.19995835

11-12 0.06405645 0.27712813

12-13 NaN NaN

13-14 NaN NaN

14-15 0.04647143 0.28278381

15-16 NaN NaN

16-17 0.04647143 0.39191836

17-18 NaN NaN

18-19 NaN NaN

19-20 NaN NaN

20-21 NaN NaN

21-22 0.04647143 0.62853936

22-23 NA NA

> tm6=0:35

> n6=21

> w6=c(0,0,0,0,0,1,0,0,1,1,1,0,0,0,0,0,1,0,1,1,0,0,0,0,1,0,0,0,0,0,0,2,0,1,1)

> d6=c(0,0,0,0,0,3,1,0,0,1,0,0,1,0,0,1,0,0,0,0,0,1,1,0,0,0,0,0,0,0,0,0,0,0,0)

> out6=lifetab(tm6,n6,w6,d6)

> out6

nsubs nlost nrisk nevent surv pdf hazard se.surv se.pdf

0-1 21 0 21.0 0 1.0000000 0.00000000 0.00000000 0.00000000 NaN

1-2 21 0 21.0 0 1.0000000 0.00000000 0.00000000 0.00000000 NaN

2-3 21 0 21.0 0 1.0000000 0.00000000 0.00000000 0.00000000 NaN

3-4 21 0 21.0 0 1.0000000 0.00000000 0.00000000 0.00000000 NaN

4-5 21 0 21.0 0 1.0000000 0.00000000 0.00000000 0.00000000 NaN

5-6 21 1 20.5 3 1.0000000 0.14634146 0.15789474 0.00000000 0.07806365

6-7 17 0 17.0 1 0.8536585 0.05021521 0.06060606 0.07806365 0.04893185

7-8 16 0 16.0 0 0.8034433 0.00000000 0.00000000 0.08815513 NaN

8-9 16 1 15.5 0 0.8034433 0.00000000 0.00000000 0.08815513 NaN

9-10 15 1 14.5 1 0.8034433 0.05540988 0.07142857 0.08815513 0.05380963

10-11 13 1 12.5 0 0.7480334 0.00000000 0.00000000 0.09795353 NaN

11-12 12 0 12.0 0 0.7480334 0.00000000 0.00000000 0.09795353 NaN

12-13 12 0 12.0 1 0.7480334 0.06233612 0.08695652 0.09795353 0.06023792

13-14 11 0 11.0 0 0.6856973 0.00000000 0.00000000 0.10781629 NaN

14-15 11 0 11.0 0 0.6856973 0.00000000 0.00000000 0.10781629 NaN

15-16 11 0 11.0 1 0.6856973 0.06233612 0.09523810 0.10781629 0.06023792

16-17 10 1 9.5 0 0.6233612 0.00000000 0.00000000 0.11462740 NaN

17-18 9 0 9.0 0 0.6233612 0.00000000 0.00000000 0.11462740 NaN

18-19 9 1 8.5 0 0.6233612 0.00000000 0.00000000 0.11462740 NaN

19-20 8 1 7.5 0 0.6233612 0.00000000 0.00000000 0.11462740 NaN

20-21 7 0 7.0 0 0.6233612 0.00000000 0.00000000 0.11462740 NaN

21-22 7 0 7.0 1 0.6233612 0.08905160 0.15384615 0.11462740 0.08405626

22-23 6 0 6.0 1 0.5343096 0.08905160 0.18181818 0.12826056 0.08405626

23-24 5 0 5.0 0 0.4452580 0.00000000 0.00000000 0.13428565 NaN

24-25 5 1 4.5 0 0.4452580 0.00000000 0.00000000 0.13428565 NaN

25-26 4 0 4.0 0 0.4452580 0.00000000 0.00000000 0.13428565 NaN

26-27 4 0 4.0 0 0.4452580 0.00000000 0.00000000 0.13428565 NaN

27-28 4 0 4.0 0 0.4452580 0.00000000 0.00000000 0.13428565 NaN

28-29 4 0 4.0 0 0.4452580 0.00000000 0.00000000 0.13428565 NaN

29-30 4 0 4.0 0 0.4452580 0.00000000 0.00000000 0.13428565 NaN

30-31 4 0 4.0 0 0.4452580 0.00000000 0.00000000 0.13428565 NaN

31-32 4 2 3.0 0 0.4452580 0.00000000 0.00000000 0.13428565 NaN

32-33 2 0 2.0 0 0.4452580 0.00000000 0.00000000 0.13428565 NaN

33-34 2 1 1.5 0 0.4452580 0.00000000 0.00000000 0.13428565 NaN

34-35 1 1 0.5 0 0.4452580 NA NA 0.13428565 NA

se.hazard

0-1 NaN

1-2 NaN

2-3 NaN

3-4 NaN

4-5 NaN

5-6 0.09087604

6-7 0.06057823

7-8 NaN

8-9 NaN

9-10 0.07138300

10-11 NaN

11-12 NaN

12-13 0.08687429

13-14 NaN

14-15 NaN

15-16 0.09513005

16-17 NaN

17-18 NaN

18-19 NaN

19-20 NaN

20-21 NaN

21-22 0.15339031

22-23 0.18106531

23-24 NaN

24-25 NaN

25-26 NaN

26-27 NaN

27-28 NaN

28-29 NaN

29-30 NaN

30-31 NaN

31-32 NaN

32-33 NaN

33-34 NaN

34-35 NA

> plot(0,0,xlin=c(0,1),xlab="time",ylab="Skm",pch="",lwd=2)