```
> library(survival)
Loading required package: splines
> install.packages("eha")
Installing package(s) into 'C:/Users/rag/Documents/R/win-library/2.15'
(as 'lib' is unspecified)
--- Please select a CRAN mirror for use in this session ---
trying URL 'http://cran.stat.ucla.edu/bin/windows/contrib/2.15/eha_2.2-3.zip'
Content type 'application/zip' length 1159286 bytes (1.1 Mb)
opened URL
downloaded 1.1 Mb

package 'eha' successfully unpacked and MD5 sums checked

The downloaded binary packages are in
        C:\Users\rag\AppData\Local\Temp\RtmpyUPBrL\downloaded_packages

> data(leukemia)
> aml = leukemia
> str(aml)
'data.frame':   23 obs. of  3 variables:
 $ time  : num  9 13 13 18 23 28 31 34 45 48 ...
 $ status: num  1 1 0 1 1 0 1 1 0 1 ...
 $ x     : Factor w/ 2 levels "Maintained","Nonmaintained": 1 1 1 1 1 1 1 1 1 1 ...
> library(eha)
Warning message:
package 'eha' was built under R version 2.15.3

> ehaaml = coxreg(Surv(time,status) ~ x, data = aml)
> summary(ehaaml)
Call:
coxreg(formula = Surv(time, status) ~ x, data = aml)

Covariate          Mean      Coef     Rel.Risk   S.E.     Wald p
x
      Maintained   0.630     0         1 (reference)
   Nonmaintained   0.370     0.916     2.498      0.512      0.074

Events                    18
Total time at risk          -660
Max. log. likelihood     -41.033
LR test statistic        3.38
Degrees of freedom       1
Overall p-value          0.0658142
> exp(.916)
[1] 2.499273

#try some plots
> plot(ehaaml)
> plot.coxreg(ehaaml)
> attach(leukemia)
> plot.Surv(Surv(time,status), strata= x, data = leukemia)

# it won't bootstrap
> ehaamlB = coxreg(Surv(time,status) ~ x, data = aml, boot = 400)
[dpotrf] info = 1
Error in coxreg.fit(X, Y, rs, weights, t.offset, strats, offset, init,  :
  No inverse in [inv_hess]
```

Cumulative hazard function

Maintained
Nonmaintained

Duration