



Project: DCIS

```
1 . ***
2 .
3 . * Basic survival function runs
4 .
5 . stset timeeventY, failure(ips==1)
```

Survival-time data settings

Failure event: ips==1
Observed time interval: (0, timeeventY]
Exit on or before: failure

1,694	total observations	
0	exclusions	
1,694	observations remaining, representing	
304	failures in single-record/single-failure data	
17,807.405	total analysis time at risk and under observation	
	At risk from t =	0
	Earliest observed entry t =	0
	Last observed exit t =	17.61918

```
6 .
7 . * raw score
8 .
9 . stcox CollScore, cformat(%9.2f) pformat(%5.4f)
```

Failure _d: ips==1
Analysis time _t: timeeventY

Iteration 0: Log likelihood = -952.05717
Iteration 1: Log likelihood = -944.54837
Iteration 2: Log likelihood = -944.54807
Refining estimates:
Iteration 0: Log likelihood = -944.54807

Cox regression with Breslow method for ties

No. of subjects =	713	Number of obs =	713
No. of failures =	149		
Time at risk =	7,213.4219		
Log likelihood =	-944.54807	LR chi2(1) =	15.02
		Prob > chi2 =	0.0001

_t	Haz. ratio	Std. err.	z	P> z	[95% conf. interval]
CollScore	1.41	0.13	3.91	0.0001	1.19 1.68

```

10 .
11 . ***

12 .
13 . * only validation set

14 .
15 . stcox CollScore if TrainVal!=0, cformat(%9.2f) pformat(%5.4f)

```

```

      Failure _d: ips==1
Analysis time _t: timeeventY

```

```

Iteration 0: Log likelihood = -579.81363
Iteration 1: Log likelihood = -578.37707
Iteration 2: Log likelihood = -578.37707
Refining estimates:
Iteration 0: Log likelihood = -578.37707

```

Cox regression with Breslow method for ties

```

No. of subjects =      600          Number of obs =      600
No. of failures =       93
Time at risk    = 6,277.7945

LR chi2(1)      =    2.87
Prob > chi2     = 0.0901

Log likelihood = -578.37707

```

_t	Haz. ratio	Std. err.	z	P> z	[95% conf. interval]	
CollScore	1.21	0.14	1.70	0.0892	0.97	1.51

```

16 .
17 . * categories

18 .
19 . stcox i.CollCat, cformat(%9.2f) pformat(%5.4f)

```

```

      Failure _d: ips==1
Analysis time _t: timeeventY

```

```

Iteration 0: Log likelihood = -952.05717
Iteration 1: Log likelihood = -948.10354
Iteration 2: Log likelihood = -948.1035
Refining estimates:
Iteration 0: Log likelihood = -948.1035

```

Cox regression with Breslow method for ties

```

No. of subjects =      713          Number of obs =      713
No. of failures =     149
Time at risk    = 7,213.4219

LR chi2(1)      =    7.91
Prob > chi2     = 0.0049

Log likelihood = -948.1035

```

_t	Haz. ratio	Std. err.	z	P> z	[95% conf. interval]	
CollCat High	1.59	0.26	2.79	0.0053	1.15	2.20

```
20 .
21 . ***

22 .
23 . * only validation set

24 .
25 . stcox i.CollCat if TrainVal!=0, cformat(%9.2f) pformat(%5.4f)
```

```

30 .
31 . * raw score
32 .
33 . stcox CollScore, cformat(%9.2f) pformat(%5.4f)

```

```

      Failure _d: IPSInvNBD==1
      Analysis time _t: timeeventY

```

```

Iteration 0: Log likelihood = -339.40455
Iteration 1: Log likelihood = -336.11792
Iteration 2: Log likelihood = -336.11749
Refining estimates:
Iteration 0: Log likelihood = -336.11749

```

Cox regression with Breslow method for ties

```

No. of subjects =      713                Number of obs =      713
No. of failures =       54
Time at risk   = 7,213.4219

Log likelihood = -336.11749                LR chi2(1)    =    6.57
                                           Prob > chi2   =  0.0103

```

_t	Haz. ratio	Std. err.	z	P> z	[95% conf. interval]	
CollScore	1.46	0.21	2.59	0.0096	1.10	1.94

```

34 .
35 . ***
36 .
37 . * only validation set
38 .
39 . stcox CollScore if TrainVal!=0, cformat(%9.2f) pformat(%5.4f)

```

```

      Failure _d: IPSInvNBD==1
      Analysis time _t: timeeventY

```

```

Iteration 0: Log likelihood = -220.64739
Iteration 1: Log likelihood = -220.05145
Iteration 2: Log likelihood = -220.05144
Refining estimates:
Iteration 0: Log likelihood = -220.05144

```

Cox regression with Breslow method for ties

```

No. of subjects =      600                Number of obs =      600
No. of failures =       36
Time at risk   = 6,277.7945

Log likelihood = -220.05144                LR chi2(1)    =    1.19
                                           Prob > chi2   =  0.2749

```

_t	Haz. ratio	Std. err.	z	P> z	[95% conf. interval]	
CollScore	1.22	0.22	1.10	0.2735	0.86	1.72

```

40 .
41 . * categories
42 .
43 . stcox i.CollCat, cformat(%9.2f) pformat(%5.4f)

```

```

      Failure _d: IPSInvNBD==1
      Analysis time _t: timeeventY

```

```

Iteration 0: Log likelihood = -339.40455
Iteration 1: Log likelihood = -337.61646
Iteration 2: Log likelihood = -337.61643
Refining estimates:
Iteration 0: Log likelihood = -337.61643

```

Cox regression with Breslow method for ties

```

No. of subjects =      713                Number of obs =      713
No. of failures =       54
Time at risk    = 7,213.4219

Log likelihood = -337.61643                LR chi2(1)    =    3.58
                                           Prob > chi2   =  0.0586

```

_t	Haz. ratio	Std. err.	z	P> z	[95% conf. interval]	
CollCat High	1.68	0.47	1.87	0.0613	0.98	2.89

```

44 .
45 . ***

```

```

46 .
47 . * only validation set

```

```

48 .
49 . stcox i.CollCat if TrainVal!=0, cformat(%9.2f) pformat(%5.4f)

```

```

      Failure _d: IPSInvNBD==1
      Analysis time _t: timeeventY

```

```

Iteration 0: Log likelihood = -220.64739
Iteration 1: Log likelihood = -220.64682
Iteration 2: Log likelihood = -220.64682
Refining estimates:
Iteration 0: Log likelihood = -220.64682

```

Cox regression with Breslow method for ties

```

No. of subjects =      600                Number of obs =      600
No. of failures =       36
Time at risk    = 6,277.7945

Log likelihood = -220.64682                LR chi2(1)    =    0.00
                                           Prob > chi2   =  0.9730

```

_t	Haz. ratio	Std. err.	z	P> z	[95% conf. interval]	
CollCat High	1.01	0.34	0.03	0.9730	0.53	1.95

```

50 .
51 . *** IN SITU
52 .
53 . stset timeeventY, failure(IPSinsituNBD==1)

```

Survival-time data settings

Failure event: **IPSinsituNBD==1**
 Observed time interval: **(0, timeeventY]**
 Exit on or before: **failure**

1,694	total observations	
0	exclusions	

1,694	observations remaining, representing	
173	failures in single-record/single-failure data	
17,807.405	total analysis time at risk and under observation	
	At risk from t =	0
	Earliest observed entry t =	0
	Last observed exit t =	17.61918

```

54 .
55 . * raw score
56 .
57 . stcox CollScore, cformat(%9.2f) pformat(%5.4f)

```

Failure **_d**: **IPSinsituNBD==1**
 Analysis time **_t**: **timeeventY**

Iteration 0: Log likelihood = **-600.06035**
 Iteration 1: Log likelihood = **-595.98161**
 Iteration 2: Log likelihood = **-595.98155**
 Refining estimates:
 Iteration 0: Log likelihood = **-595.98155**

Cox regression with Breslow method for ties

No. of subjects =	713	Number of obs =	713
No. of failures =	93		
Time at risk =	7,213.4219		
Log likelihood =	-595.98155	LR chi2(1) =	8.16
		Prob > chi2 =	0.0043

_t	Haz. ratio	Std. err.	z	P> z 	[95% conf. interval]	
CollScore	1.38	0.16	2.87	0.0041	1.11	1.73

```

58 .

```

59 . ***

60 .

61 . * only validation set

62 .

63 . stcox CollScore if TrainVal!=0, cformat(%9.2f) pformat(%5.4f)

Failure _d: IPSinsituNBD==1
Analysis time _t: timeeventY

Iteration 0: Log likelihood = -352.95765
Iteration 1: Log likelihood = -351.98692
Iteration 2: Log likelihood = -351.98691
Refining estimates:
Iteration 0: Log likelihood = -351.98691

Cox regression with no ties

No. of subjects = 600
No. of failures = 56
Time at risk = 6,277.7945

Number of obs = 600

LR chi2(1) = 1.94
Prob > chi2 = 0.1635

Log likelihood = -351.98691

_t	Haz. ratio	Std. err.	z	P> z	[95% conf. interval]	
CollScore	1.22	0.18	1.40	0.1624	0.92	1.63

64 .

65 . * categories

66 .

67 . stcox i.CollCat, cformat(%9.2f) pformat(%5.4f)

Failure _d: IPSinsituNBD==1
Analysis time _t: timeeventY

Iteration 0: Log likelihood = -600.06035
Iteration 1: Log likelihood = -597.84952
Iteration 2: Log likelihood = -597.84949
Refining estimates:
Iteration 0: Log likelihood = -597.84949

Cox regression with Breslow method for ties

No. of subjects = 713
No. of failures = 93
Time at risk = 7,213.4219

Number of obs = 713

LR chi2(1) = 4.42
Prob > chi2 = 0.0355

Log likelihood = -597.84949

_t	Haz. ratio	Std. err.	z	P> z	[95% conf. interval]	
CollCat High	1.55	0.33	2.09	0.0369	1.03	2.34

```
68 .
69 . ***

70 .
71 . * only validation set

72 .
73 . stcox i.CollCat if TrainVal!=0, cformat(%9.2f) pformat(%5.4f)
```

```
      Failure _d: IPSinsituNBD==1
      Analysis time _t: timeeventY

Iteration 0: Log likelihood = -352.95765
Iteration 1: Log likelihood = -352.49011
Iteration 2: Log likelihood = -352.49011
Refining estimates:
Iteration 0: Log likelihood = -352.49011

Cox regression with no ties

No. of subjects =      600           Number of obs =      600
No. of failures =       56
Time at risk   = 6,277.7945

LR chi2(1)      =    0.94
Prob > chi2     =    0.3335

Log likelihood = -352.49011
```

_t	Haz. ratio	Std. err.	z	P> z	[95% conf. interval]	
CollCat High	1.30	0.35	0.97	0.3344	0.77	2.19

```
74 .
75 . ***

76 .
77 . ***

78 .
79 . **** multivariate

80 .
81 . stset timeeventY, failure(ips==1)
```

Survival-time data settings

```
      Failure event: ips==1
Observed time interval: (0, timeeventY]
Exit on or before: failure
```

1,694	total observations
0	exclusions

1,694	observations remaining, representing
304	failures in single-record/single-failure data
17,807.405	total analysis time at risk and under observation
	At risk from t = 0
	Earliest observed entry t = 0
	Last observed exit t = 17.61918


```

82 .
83 . stcox CollScore i.HER2binIHC Age i.ComplExcision TotalSizeCORR i.CytNuclGrade i.Necrosis i.Tam i
> .RT, cformat(%9.2f) pformat(%5.4f)

```

```

      Failure _d: ips==1
Analysis time _t: timeeventY

```

```

Iteration 0: Log likelihood = -787.27218
Iteration 1: Log likelihood = -750.78743
Iteration 2: Log likelihood = -750.19227
Iteration 3: Log likelihood = -750.1912
Refining estimates:
Iteration 0: Log likelihood = -750.1912

```

Cox regression with Breslow method for ties

```

No. of subjects =      596                Number of obs =      596
No. of failures =      127
Time at risk    = 6,008.1671

LR chi2(11)      =  74.16
Prob > chi2      =  0.0000

Log likelihood = -750.1912

```

_t	Haz. ratio	Std. err.	z	P> z	[95% conf. interval]	
CollScore	1.35	0.13	3.00	0.0027	1.11	1.63
HER2binIHC						
Positive	1.82	0.34	3.19	0.0014	1.26	2.63
Age	0.98	0.02	-0.96	0.3387	0.95	1.02
ComplExcision						
Uncertain	1.39	0.33	1.38	0.1682	0.87	2.20
No	1.85	0.42	2.69	0.0072	1.18	2.88
TotalSizeCORR	1.02	0.01	2.25	0.0247	1.00	1.04
CytNuclGrade						
Intermediate	0.87	0.51	-0.24	0.8130	0.27	2.77
High	1.08	0.62	0.14	0.8883	0.35	3.33
Necrosis						
Yes	1.38	0.72	0.63	0.5318	0.50	3.82
Tam						
Yes	0.70	0.13	-1.98	0.0478	0.49	1.00
RT						
Yes	0.30	0.07	-5.20	0.0000	0.19	0.47

```

84 .
85 . ***

```

```

86 .
87 . * only validation set

88 .
89 . stcox CollScore i.HER2binIHC Age i.ComplExcision TotalSizeCORR i.CytNuclGrade i.Necrosis i.Tam i
> .RT if TrainVal!=0, cformat(%9.2f) pformat(%5.4f)

```

```

      Failure _d: ips==1
      Analysis time _t: timeeventY

```

```

Iteration 0: Log likelihood = -471.3121
Iteration 1: Log likelihood = -449.18266
Iteration 2: Log likelihood = -448.55077
Iteration 3: Log likelihood = -448.54775
Iteration 4: Log likelihood = -448.54775
Refining estimates:
Iteration 0: Log likelihood = -448.54775

```

Cox regression with Breslow method for ties

```

No. of subjects =      501                Number of obs =      501
No. of failures =       78
Time at risk    = 5,231.1644

LR chi2(11)      = 45.53
Prob > chi2      = 0.0000

Log likelihood = -448.54775

```

_t	Haz. ratio	Std. err.	z	P> z	[95% conf. interval]	
CollScore	1.17	0.15	1.24	0.2143	0.91	1.49
HER2binIHC						
Positive	1.69	0.41	2.18	0.0291	1.05	2.71
Age	0.97	0.02	-1.33	0.1849	0.93	1.01
ComplExcision						
Uncertain	1.62	0.49	1.61	0.1080	0.90	2.91
No	2.06	0.60	2.48	0.0130	1.16	3.65
TotalSizeCORR	1.04	0.01	3.69	0.0002	1.02	1.07
CytNuclGrade						
Intermediate	0.98	0.79	-0.02	0.9833	0.20	4.79
High	1.44	1.10	0.48	0.6336	0.32	6.44
Necrosis						
Yes	1.67	1.28	0.67	0.5037	0.37	7.53
Tam						
Yes	1.42	0.37	1.35	0.1764	0.85	2.36
RT						
Yes	0.44	0.11	-3.25	0.0012	0.27	0.72

```

90 .
91 . *** with TILs
92 .
93 . stcox CollScore i.TILcatMED i.HER2binIHC Age i.ComplExcision TotalSizeCORR i.CytNuclGrade i.Necr
> osis i.Tam i.RT, cformat(%9.2f) pformat(%5.4f)

```

```

      Failure _d: ips==1
      Analysis time _t: timeeventY

```

```

Iteration 0: Log likelihood = -780.64676
Iteration 1: Log likelihood = -738.30514
Iteration 2: Log likelihood = -737.54603
Iteration 3: Log likelihood = -737.54506
Refining estimates:
Iteration 0: Log likelihood = -737.54506

```

Cox regression with Breslow method for ties

```

No. of subjects =      594                Number of obs =      594
No. of failures =      126
Time at risk    = 5,988.589

LR chi2(12)      =  86.20
Prob > chi2      =  0.0000

Log likelihood = -737.54506

```

_t	Haz. ratio	Std. err.	z	P> z	[95% conf. interval]	
CollScore	1.31	0.13	2.63	0.0087	1.07	1.60
TILcatMED High	1.96	0.42	3.17	0.0015	1.29	2.98
HER2binIHC Positive	1.55	0.30	2.26	0.0240	1.06	2.27
Age	0.98	0.02	-1.29	0.1972	0.95	1.01
ComplExcision Uncertain	1.34	0.32	1.24	0.2168	0.84	2.13
No	1.80	0.41	2.57	0.0100	1.15	2.82
TotalSizeCORR	1.02	0.01	1.93	0.0532	1.00	1.04
CytNuclGrade Intermediate	0.78	0.47	-0.42	0.6737	0.24	2.54
High	0.90	0.53	-0.18	0.8564	0.28	2.84
Necrosis Yes	1.36	0.71	0.58	0.5594	0.49	3.81
Tam Yes	0.71	0.13	-1.88	0.0601	0.50	1.01
RT Yes	0.30	0.07	-5.19	0.0000	0.19	0.47

```

94 .
95 . ***

96 .
97 . * only validation set

98 .
99 . stcox CollScore i.TILcatMED i.HER2binIHC Age i.ComplExcision TotalSizeCORR i.CytNuclGrade i.Necr
> osis i.Tam i.RT if TrainVal!=0, cformat(%9.2f) pformat(%5.4f)

```

```

      Failure _d: ips==1
      Analysis time _t: timeeventY

```

```

Iteration 0: Log likelihood = -465.1383
Iteration 1: Log likelihood = -438.90325
Iteration 2: Log likelihood = -438.06328
Iteration 3: Log likelihood = -438.05932
Iteration 4: Log likelihood = -438.05932
Refining estimates:
Iteration 0: Log likelihood = -438.05932

```

Cox regression with Breslow method for ties

```

No. of subjects =      500              Number of obs =      500
No. of failures =       77
Time at risk    = 5,227.2657

LR chi2(12)      =  54.16
Prob > chi2      = 0.0000

Log likelihood = -438.05932

```

_t	Haz. ratio	Std. err.	z	P> z	[95% conf. interval]	
CollScore	1.16	0.15	1.17	0.2439	0.90	1.49
TILcatMED						
High	1.90	0.51	2.38	0.0171	1.12	3.23
HER2binIHC						
Positive	1.43	0.36	1.40	0.1601	0.87	2.34
Age	0.96	0.02	-1.77	0.0771	0.92	1.00
ComplExcision						
Uncertain	1.64	0.49	1.64	0.1012	0.91	2.96
No	2.05	0.60	2.45	0.0144	1.15	3.66
TotalSizeCORR	1.04	0.01	3.49	0.0005	1.02	1.07
CytNuclGrade						
Intermediate	0.84	0.70	-0.21	0.8355	0.17	4.25
High	1.20	0.93	0.24	0.8140	0.26	5.51
Necrosis						
Yes	1.73	1.34	0.70	0.4818	0.38	7.89
Tam						
Yes	1.47	0.39	1.48	0.1401	0.88	2.46
RT						
Yes	0.44	0.11	-3.19	0.0014	0.27	0.73

100 .
101 . ***

102 . ** DISTRIBUTION OF INTERACTION TERMS

103 .
104 . tabulate Tam, summarize(CollTAM)

Tam Recd	Summary of CollTAM		Freq.
	Mean	Std. dev.	
No	.00	.00	327
Yes	-.02308185	.8850983	386
Total	-.01249592	.6509532	713

105 .
106 . tabulate Tam, summarize(CollRT)

Tam Recd	Summary of CollRT		Freq.
	Mean	Std. dev.	
No	.0028734	.52264154	327
Yes	.01347038	.52676842	386
Total	.00861033	.52453813	713

107 .
108 . tabulate RT, summarize(CollTAM)

RT Recd	Summary of CollTAM		Freq.
	Mean	Std. dev.	
No	-.03135369	.65811727	450
Yes	.01977021	.63845877	263
Total	-.01249592	.6509532	713

109 .
110 . tabulate RT, summarize(CollRT)

RT Recd	Summary of CollRT		Freq.
	Mean	Std. dev.	
No	.00	.00	450
Yes	.02334284	.86450226	263
Total	.00861033	.52453813	713

111 .
112 . ***
113 .


```

121 .
122 . * categories

123 .
124 . stcox CollRT, cformat(%9.2f) pformat(%5.4f)

```

```

      Failure _d: ips==1
  Analysis time _t: timeeventY

```

```

Iteration 0: Log likelihood = -952.05717
Iteration 1: Log likelihood = -951.22604
Iteration 2: Log likelihood = -951.22594
Refining estimates:
Iteration 0: Log likelihood = -951.22594

```

Cox regression with Breslow method for ties

```

No. of subjects =      713                Number of obs =      713
No. of failures =      149
Time at risk   = 7,213.4219

Log likelihood = -951.22594                LR chi2(1)    =    1.66
                                           Prob > chi2   =  0.1973

```

_t	Haz. ratio	Std. err.	z	P> z	[95% conf. interval]	
CollRT	1.22	0.18	1.29	0.1964	0.90	1.64

```

125 .
126 . ***

127 .
128 . * only validation set

129 .
130 . stcox CollRT if TrainVal!=0, cformat(%9.2f) pformat(%5.4f)

```

```

      Failure _d: ips==1
  Analysis time _t: timeeventY

```

```

Iteration 0: Log likelihood = -579.81363
Iteration 1: Log likelihood = -578.62932
Iteration 2: Log likelihood = -578.6292
Refining estimates:
Iteration 0: Log likelihood = -578.6292

```

Cox regression with Breslow method for ties

```

No. of subjects =      600                Number of obs =      600
No. of failures =       93
Time at risk   = 6,277.7945

Log likelihood = -578.6292                LR chi2(1)    =    2.37
                                           Prob > chi2   =  0.1238

```

_t	Haz. ratio	Std. err.	z	P> z	[95% conf. interval]	
CollRT	1.32	0.23	1.55	0.1215	0.93	1.86

```

131 .
132 . **** Fullest multivariate in all

133 .
134 . stcox CollScore i.TILcatMED i.HER2binIHC Age i.ComplExcision TotalSizeCORR i.CytNuclGrade i.Necr
> osis i.Tam CollTAM i.RT CollRT, cformat(%9.2f) pformat(%5.4f)

```

```

      Failure _d: ips==1
      Analysis time _t: timeeventY

```

```

Iteration 0: Log likelihood = -780.64676
Iteration 1: Log likelihood = -738.60989
Iteration 2: Log likelihood = -736.68673
Iteration 3: Log likelihood = -736.68166
Iteration 4: Log likelihood = -736.68166
Refining estimates:
Iteration 0: Log likelihood = -736.68166

```

Cox regression with Breslow method for ties

```

No. of subjects =      594                Number of obs =      594
No. of failures =      126
Time at risk    = 5,988.589

LR chi2(14)      =  87.93
Prob > chi2      = 0.0000

Log likelihood = -736.68166

```

_t	Haz. ratio	Std. err.	z	P> z	[95% conf. interval]	
CollScore	1.50	0.24	2.57	0.0102	1.10	2.04
TILcatMED						
High	1.90	0.41	2.99	0.0028	1.25	2.90
HER2binIHC						
Positive	1.52	0.30	2.13	0.0329	1.03	2.23
Age	0.98	0.02	-1.15	0.2486	0.95	1.01
ComplExcision						
Uncertain	1.31	0.31	1.13	0.2585	0.82	2.09
No	1.79	0.41	2.54	0.0112	1.14	2.81
TotalSizeCORR	1.02	0.01	2.01	0.0444	1.00	1.04
CytNuclGrade						
Intermediate	0.81	0.49	-0.35	0.7227	0.25	2.65
High	0.98	0.58	-0.04	0.9664	0.31	3.11
Necrosis						
Yes	1.29	0.68	0.49	0.6271	0.46	3.65
Tam						
Yes	0.75	0.14	-1.54	0.1232	0.52	1.08
CollTAM	0.76	0.16	-1.30	0.1929	0.50	1.15
RT						
Yes	0.30	0.07	-4.91	0.0000	0.18	0.48
CollRT	1.03	0.28	0.10	0.9228	0.60	1.76


```

135 .
136 . ***

137 .
138 . * only validation set

139 .
140 . stcox CollScore i.TILcatMED i.HER2binIHC Age i.ComplExcision TotalSizeCORR i.CytNuclGrade i.Necr
> osis i.Tam CollTAM i.RT CollRT if TrainVal!=0, cformat(%9.2f) pformat(%5.4f)

```

```

Failure _d: ips==1
Analysis time _t: timeeventY

```

```

Iteration 0: Log likelihood = -465.1383
Iteration 1: Log likelihood = -438.9013
Iteration 2: Log likelihood = -437.72859
Iteration 3: Log likelihood = -437.72234
Iteration 4: Log likelihood = -437.72234
Refining estimates:
Iteration 0: Log likelihood = -437.72234

```

Cox regression with Breslow method for ties

```

No. of subjects =      500                Number of obs =      500
No. of failures =       77
Time at risk    = 5,227.2657

LR chi2(14)      =  54.83
Prob > chi2      = 0.0000

Log likelihood = -437.72234

```

_t	Haz. ratio	Std. err.	z	P> z	[95% conf. interval]	
CollScore	1.26	0.35	0.84	0.4036	0.73	2.16
TILcatMED High	1.85	0.51	2.26	0.0241	1.08	3.17
HER2binIHC Positive	1.42	0.36	1.37	0.1714	0.86	2.33
Age	0.96	0.02	-1.72	0.0862	0.93	1.01
ComplExcision Uncertain	1.61	0.49	1.58	0.1146	0.89	2.91
No	2.02	0.60	2.37	0.0177	1.13	3.60
TotalSizeCORR	1.04	0.01	3.53	0.0004	1.02	1.07
CytNuclGrade Intermediate	0.85	0.70	-0.20	0.8444	0.17	4.30
High	1.25	0.98	0.29	0.7745	0.27	5.80
Necrosis Yes	1.64	1.28	0.63	0.5285	0.35	7.56
Tam Yes	1.53	0.42	1.53	0.1271	0.89	2.62
CollTAM	0.84	0.25	-0.57	0.5716	0.47	1.52
RT Yes	0.43	0.12	-3.15	0.0016	0.26	0.73
CollRT	1.17	0.33	0.55	0.5841	0.67	2.04

141 .
142 . ***
143 .