	oduction	G. Harring		lel and Its Christerities
·Show	similarly linear N	between a	ox proportion	hazard model
* Desc rath	model, ribe how "t	properties, and when foll	assumptions, by to use "	edr. age as the time scale" the outcome variable
1/21	12023	0		
	12.99		2.2-1	4.3.34
7. A	Computer E	rample U	sing the lox	PH Model
Fram	le of the analy	4	An iccion di	14
- Crany	y y ve analy	all I	emission time.	dala
>1 when	a Remission D	ata	180	
D Corres	1 (1=21)	1 62 mm	2(0=21)	
DI (wa	1 (n=21) (ng WBC 2,31	Horak) Lower	Compare the survival
D 6	2.31	1	111	experience of the
D 6	4.08		5.00	two graps
> 6	5.28	2	4.91	adjusting for the
D 7	4.43	2	4.48	massible rank mending
D10	2.96	3	4.01	and/or interestion
>13	2.88	l u	4.36	effects of baller.
D16	3.60	4	2.42	ophetry
> 22	2.32	5	3.49	T: survival dine I
> 23	2.57	5	3.97	X1 = Upon Matis = F
D 54	3.20	8	3.52	X2 = log WBC (confung?)
>91	2.80	8	3.05	
DØ+	2.70	8	2.32	If interested in contenting
D11+	2.60	l	3.26	effect, world need a
	2.16		1.49	third variable X, & Xe.
A Marine of Printering Colored by the Colored by th	2.05	ii	2.12	////2,
≥17+	2.05			
>17+ >19+	The state of the contract of the state of th	12	1.50	
D17+	2.03 2.01 1.78	12	3.06	

How to use computer printout to evaluate the possible effect of treatment status on removin time adjusted for potential conforming links, effects of the covariate. hazard ratio = evol girs variable adjusted for the other variables in a model. Maximum likelihood estimation used to estimate the coefficients. Cotay, I read this section, it's very good for telling one how to carry out an analysis of models. II. The Formula for the Cox PH Model h(t,X) = ho(t) x exp[] B:X:] X = (X1,..., Xp) ho(t): Vaseline hazord a time independent derm.

dine - independent X's Time-dependent X's require the extended Cox model. (on assume not to change once measured. (or model is semiparametric because the form of holt) is imperified.

III. Why the Cox PH Model is Popular · Cox PH model is "rebuil" in the sense that it GOOD Cox (H mover is the correct parametric model. · l'aumetric models are prépared only if were sure me have the correct model. · Hence Cox is a sofe choice. · Always non-negative. So you only need to estimate the coefficients. h(t-X) and S(t/X) can be estimated without specifying From j-to-i