ga bal	12/23/2022
anned a	VI. Basic Data Layort for Understanding Genolysis
	Ordered failure # 95 # ansored Risk set times to, Bailures in (topitopin) R(top)
	600 = 0 q0 R(to)
	(ta) m_i q_i $R(ta)$
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	t(x) mx qx R(t(x))
	the state of the s
	1) Kerrore consored observations from mardeal later
	1) Remove consored observations from nordered later 2) Order the remaining failed fines, counting fies only once
	t(f): Videred Jouline fines
	t(f): Ordered Jostone times mf: # Jailvers at time t(f) gf: # convoiced in [t(f), t(fn)) R(tf): the risk set; the collection of individuals who have survived at feast until time t(f).
	of the convoiced in Lt(f), t (fa))
	K(Of): The rik set; the collection of individuals who
	have survived an feath water time t (x).
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	You leave the risk set it you're consored as it you fail.
	VII. Descriptive Mensures of Survival Experience
	Descriptive processing Experience
	T: average survival fine (ignoring convoied observations)
D	
	h: average haryard rate; h= # failures \[\sum_{i=1}^{m} t_i \]
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	· As h.P. the probability of survival in the group
D	
	. Tand to me overall measures, not measures over time
D	· Tand have overall measures, not measures over time. · To compare over time, you can compare Kuplan-Meier overes
D	· Con get median surviver time from KM corres.
D	
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VIII. Example: Extended Revenission Data · Conforming variables (What exactly is confounding? I'll have to back truck). · Interaction: The effect of the treatment may be different depending on the valve of another variable. So in this example, the problem is:

Compare two groups after adjusting for confounding and interaction. Some analyses that account for the other variables are

1) To stratify on the other variables and compane
survival curry for different strata; or

2) To use proportional hazards or some other survival model IX. Multivariable Example
Analogous to multiple regression Example 13-year follow-up of fixed whood from Even's County GA n=170 white mules (60+) T= years until death Event = death Explanatory variables: exposure variable - Social Network Index (SNI).

confounders AGF, systolic blood preuse, chronic disease,
interaction variables Quetelet's body size index, Social class 11/24/12 Describe relationship between exposure variable and extreme variable