

# Survival Time analysis

Note Title

11/15/2011

Today: Presentations

Survival Time analysis

aka Duration Models

p273-  
in Kennedy

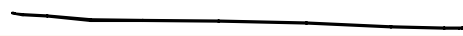
↳ key is the censoring

distribution

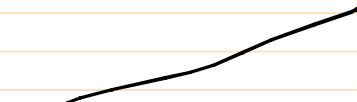
hazard rate

4 basic types of hazard rates

1. Constant



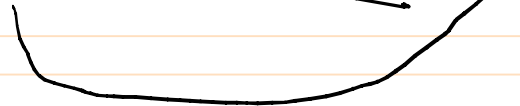
2. Increasing



3. decreasing



4. Bath tub



## Weibull distribution

1. dep var                      time of some sort
2. hazard rate distribution (tied to dep var)
3. indep variables
4. censoring variable  $\begin{cases} 1 & \text{death} \\ 0 & \text{censoring} \end{cases}$