Muddies the picture. Myle I'll make B=Xn 24 I. Review Kaplar-Merer analysis is based on the attemention data layout. 1/16/2023 II. An Example of Kapler-Mejer Curves
Two groups of lukemia partients, 21 patients yes group.
Groy 2: treatment, Groy 2: placebo Group 1: 9 Jailed, 12 consored, meaning all Group 2: 21 Jailes, a consored Gray I (n=21) treatment Group 2 (n=21) placeto 13 16 22 23 6+ 9+ 10+ 1/+ 11 11 12 12 17+ 19+ 20+ 25+ 32+ 32+ 15 17 22 23 34+ 35+ Note + denotes comored # censored Group # failed Total Descriptive statistics: T. (ignoring multiples)=17.1 T2= 8.6 h, = 0.025, h2 = 0.115, h2/h = 4.6 Group I appears to have better overall serviced peoplesis
than group I back on the descriptive
statistics, but this does not compare the two groups

12.

at different follow up times. Survivorship as # surviviry/#@start De KM formula involves the product of anditional pustability Decreeding a specific ordered failure fire 1.60 gran families on subject survives up to that time. (Need to write out 2 post of number of failures naire survival findion p# convoiced MF 21 17 16 12/21 8/21 12 6/21 4/21 3/21 15 2/21 17 0 22 1/21 0/71 Alternate formula for survival probability if convoid $\tilde{S}(0) = 1$ always Probability of exceeding 4 weeks can

 $\hat{S}(4) = 1 \times \frac{19}{21} \times \frac{17}{19} \times \frac{16}{17} \times \frac{14}{16} = 0.57$ · P(T>01T20)P(T>11T21)P(T211T221P(T>3/T23)P(124/T24) Notice how the donominates of cache decen is the size and the remaining with set before the next faiture, and the numerator is that size minus the running of trailures. Makes sense. New we account for consoring Gray 1 1x18/21 = 0.8571 0.857/x 3/17 = 0.8067 0.8067x14/15=0.7529 0.752)11/12 = 0.6902 0.6302×1/11 = 0.6295 $0.6275 \times \frac{6}{7} = 0.5379$ $0.5379 \times \frac{5}{6} = 0.4482$ 22 23 does not hit o risk set shrinks to account for converings estimate · This . Note that III. General features of KM curves \$(t(A)) = \$(t(A-1)) × P(T>t(A) [T>t(B)] = [] P(T>t(B) [T>t(B)] 17.1

P(A & B) = P(A) × P(B | A) A= T2 L(F) , B= T> L(F) P(ALB)= P(B)= S(b(1)) There are no factores during (100-10, 601) 100 > P(A)= P(T> t(44) = S(t,1) Potting it all together S(t(A) = S(t(A-1))P(T>t(A) IT > t(A)) 11