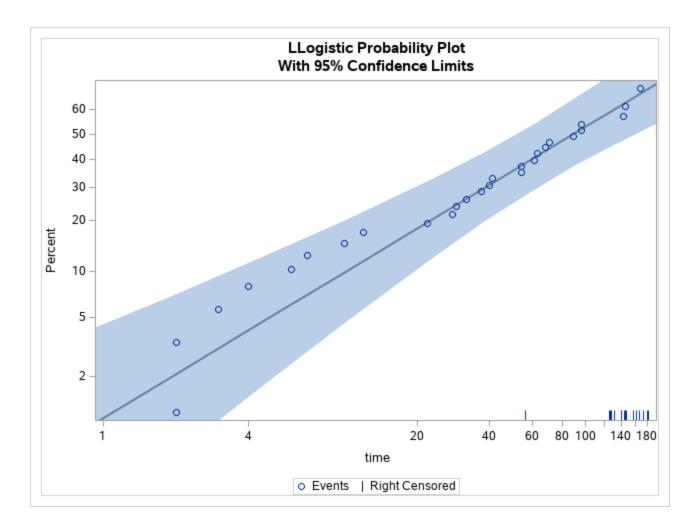
to obtain the 1+ {(+) nazard function,
we integrate the (+) 3+1/n/= (+)3+1/n/35 The Survival function is equal to exp (- H(H)) ECMIT-8H) 12-1 ECH) 1

2) The horseved function is a log-logistic AFT model. baseline: ho(+) = e K Z

hazare 1+e°ZK $h_i(t) = e^{\alpha \pi i}$ $h_o(te^{\alpha \pi i})$ $\pi_i = to group 2$ b) N=64723 8 = 0.9831 B = -6.4725 16.5567 (-11-6265 K= 1/0.9831= 1.01719052 X= -1.3272

The hazard ratio is e or 2.2979177 A treated patient will have 72.2979 the odds of resolving their sickness in comparison to an untreated patient. 159.3667 = (2.87025 55.5236 People who were on the trouted experienced a survival time 28703 times that of those who were not. the treated group had a sorvival time which was 3.7705 times that of those in the untreated greep. d) see affected plat. e) In comparing the by-likelihood, we can see that the weibuil model has a 135.408 log-likelihans, and the log-lagistic hois a 132. 494 litelihand. Using this statistics we would say the weiball fits He data belier



2 of 2 11/18/22, 8:33 PM