

Question 1

Use the data in RECID.RAW for this exercise.

- (a) To the Weibull model, add the variables super (=1 if release from prison was supervised) and rules (number of rules violations while in prison). Do the coefficient estimates on these new variables have the expected signs? Are they statistically significant?
- (b) Add super and rules to the lognormal model, and answer the same questions as in part a.
- (c) Compare the estimated effects of the rules variable on the expected duration for the Weibull and lognormal models. Are they practically different?