

Statistics 538
Homework 6
Due February 28

Severity of heart attack effects can often be mitigated through early intervention. It is therefore important to assess time from first symptoms to MI (myocardial infarction). The data (mi.csv) of interest consist of the following variables:

- time: time in minutes to MI from onset of symptoms
- status: censoring indicator
- gender
- perf4: score on a lung capacity test administered at the hospital
(often used as a surrogate for smoking status)

You've been told that such data has historically been modeled using an AFT approach. Provide a complete analysis of this data, including assessment of model assumptions.