

Some hints about the **Final Project** of Survival Analysis class

1. In Question 2, the WAIT time for the patients who weren't transplanted was coded as "10000"! Do NOT blindly use this number as values for WAIT. Think about using some observed information to replace this valuable, e.g. SURV1.
2. In Question 4, below is the hint of coding about how to generate time-dependent transplant indicator in SAS.

```
Proc phreg data=stan;  
  Model surv1*dead(0)=plant surg ageacct / ties=exact;  
  If wait>surv1 or wait=. Then plant=0; else plant=1;  
Run;
```

Note that WAIT is coded as missing for those who did not receive transplants. But it is not the case in your dataset as stated above. At each unique event time, i.e. death, PROC PHREG calculates a term in the partial likelihood function by applying the IF statement to all the subjects in the risk set at that time, i.e. updating the time-dependent covariate (**plant**) for each subject. The value of SURV1 in the IF statement is the event time that PROC PHREG is currently operating on, not the survival time for each individual at risk.