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Location: Tutorial Center in 1101 SAS Hall

Course Prerequisite: ST 521, 522.

Course Resources:

- Software: SAS or R
- Additional Online Materials: Please refer to my homepage, teach section. The contents will be updated regularly.

Course Objectives: By the end of this semester, you need to know the following:

- Concepts of censoring and truncation.
- Basic quantities for describing the distribution of survival data.
- Parametric methods for fitting the survival data.
- Semiparametric method for regression problems (eg. Cox proportional hazards model).
- Using SAS or R software to analyze survival data

Grading: Homework 20%, Mid-term 30%, Final Exam 50%