MATH 686. SURVIVAL ANALYSIS.

Credits: 4

Offered by: Mathematics and Statistics (Graduate Studies)

This course is not offered this catalogue year.

Description

Parametric survival models. Nonparametric analysis: Kaplan-Meier estimator and its properties. Covariates with emphasis on Cox's proportional hazards model. Marginal and partial likelihood. Logrank tests. Residual analysis. Homework assignments a mixture of theory and applications. In-class discussion of data tests.

- Restriction: Not open to students who have taken or are taking EPIB 686
- Prerequisites: MATH 556, MATH 557 or permission of instructor

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