Regression Analysis of Bivariate Current Status Data with the Proportional Hazards Model and Bernstein Polynomials

Speaker: Qingning Zhou

Department of Statistics, University of Missouri

March 16, 2014

Key Words

- Bivariate current status data
- Marginal proportional hazards model
- An unspecified copula model
- Sieve estimation approach via Bernstein polynomials
- Consistency, asymptotic normality and efficiency
- Application to a rodent carcinogenicity study of chloroprene