

Abstract:

The talk covers three topics in nonparametric curve estimation. The first one is missing data in nonparametric regression. It will be explained when and how it is possible to deal with missing. Differences between missing predictors and responses are explained. Then the topic of truncated and censored data in survival analysis is explained. The third topic is an ill-posed problem of current status censoring. Finally, some interesting new directions in modified data analysis are highlighted. The main emphasis of the talk is to explain how an applied problem should be statistically formulated to get a feasible solution.