

# GRADUATE SEMINAR

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## Missing data in Longitudinal Data Analysis

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Thursday December 19th

14:00

Math Lounge (CW307.20)

**Abstract:** Missing data is a common problem in clinical studies. In this seminar, I will focus on the cost analysis of a longitudinal data of 110 patients under intrathecal polyanalgesia, where the treatment cost has missing values. I will briefly review missing data patterns and missing data mechanisms. Then I will introduce the multiple imputation (MI) method and apply the MI method to analyze the cost data. I will also compare the results of the MI estimation and the complete case analysis.

