10. STAT 601.25 Longitudinal Data Analysis

Instructor: Alex de Leon and Karen Kopciuk
Prefer to offer in Winter 2013
Prerequisites: minimum STAT 429 (APPLIED REGRESSION ANALYSIS) or equivalent. STAT 635 (Generalized Linear Models) is also recommended. Familiarity with matrix notation as well as some statistical inference and estimation. Familiarity with statistical software packages SAS and R.

Intended audience: graduate students in statistics and biostatistics and quantitative students in disciplines such as Epidemiology, Psychology, Economics, Biology, Sociology, Engineering Nursing, and Education.


Text:


Or Applied Longitudinal Data Analysis by Garrett Fitzmaurice, Nan Laird and James Ware (John Wiley & Sons, Jan 2004, ISBN: 0471214876)