

Spring 2013

STAT 6494-02
Modern Approaches to Incomplete Data

Text: There is no required book for this course. We will use some sections from the books in the reference list but mostly will read published manuscripts.

References: 1. Little, R.J.A. and Rubin, D.B. (2002). *Statistical Analysis with Missing Data*, 2nd edition, New York: John Wiley.
2. Daniels, M.J., and Hogan, J.W. (2008). *Missing Data in Longitudinal Studies*. Boca Raton, FL: Chapman and Hall, CRC Press.
3. Molenberghs, G. and Kenward, M.G. (2007). *Missing Data in Clinical Studies*, John Wiley.
4. Scafer, J. (1997). *Analysis of Incomplete Multivariate Data*, London: Chapman & Hall.

Time and Place: Tuesdays and Thursdays 3:30-5 pm, Room 340

Instructor: Ofer Harel

Office: AUST 320

Phone: 486-6989

Office hours: Tuesdays and Thursdays 9:00-10:00 or by appointment

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Grading: You are responsible for all the material covered in lectures, readings, presentations and homework. The final grade will be based on class participation (might composed of quizzes, and other types of participation), homework and project. There will be no exams. Each homework assignment is due in class on the assigned date.

Homework:	10%
Class participation:	40%
Project:	50% (paper and presentation)