

Math 569 ± Statistical Learning

Course Description from Bulletin: The wealth of observational and experimental data available provides great opportunities for us to learn more about our world. This course teaches modern statistical methods for learning from data, such as, regression, classification, kernel methods, and support vector machines.

Enrollment: Elective for AM MS, PhD plus MMF plus other majors.

Textbook(s): T. Hastie, R. Tibshirani and J. Friedman, *The Elements of Statistical Learning*, Springer (2001), ISBN 0-387-95284-5.

Other required material: Software packages such as R, JMP, and MATLAB

Prerequisites: MA

