

Stat 333 Syllabus(partial)

**Applied Regression Analysis**

Draper and Smith

Chapter 0 0.3 matrices

Chapter 1 Fitting a Straight Line by Least Squares

Chapter 2 Checking the Straight Line Fit

Sections 2.3-2.6, 2A

Chapter 3 Fitting Straight Lines: Special Topics

Sections 3.0, 3.1 and 3.3.

Chapter 4 Regression in Matrix Terms: Straight Line Case

Chapter 5 The General Regression Situation

Chapter 6 Extra Sum of Squares and Tests.

Sections 6.1 and 6.2

Chapter 7 (skip section 7.3)

Chapter 8 More on Checking Fitted Models

Chapter 9, 9.1-9.3

Chapter 10, 10.1

Chapter 11

Chapter 13

Chapter 14, 14.1-14.2

Chapter 15

Handout on Logistic Regression.

Handout of model selection (AIC, BIC Cp)