

STAT 207. ASSIGNMENT NO. 1

Due on Tuesday, Sept 8, 1998

Read Chapters 1-3.

Do the following problems where numbers correspond to those in the text:

1.1.

1.4. (We talked about these concepts in Lecture 2, which will be revisited in Lecture 4: *summarizing data numerically*.)

2.2. Specify **type** (qualitative or quantitative) and **scale** (nominal or ordinal (ie. ranked) or interval).

2.6. Identify **type** (qualitative or quantitative) and **scale** (nominal or ordinal (ie. ranked) or interval) for each.

2.7.

2.11. **a,b,c,e**, and **f**: discuss which histogram you like better and its shape (symmetric, unimodal, skewed?). (Read the text for how to do **d** which you do not have to hand in.)

2.31. Provide a pie and a bar chart.

Additional 1: Provide two examples of each of observational and experimental data.