

Lecture 1 Summary

Reading assignment: Chapter 1

Chapter 2. Organization and Description of Data

1) Describing Data by Tables and Graphs

(A) Stem-and-leaf plot

Steps for constructing a stem-and-leaf plot:

1. List one or more leading digits for the stem values.
2. The trailing digit(s) become the leaves.
3. Arrange the trailing digits in each row so they are in increasing order.

Example 1 Examination scores of 15 students:

75 98 42 75 84 87 65 59 63 86 78 37 99 66 90

3	7		7
4	2		2
5	9		9
6	536	→	356
7	558		558
8	476		467
9	890		089

(B) Dot diagram



