

All numbered problems are from Freedman, Pisani and Purves, 4th ed. Problem set is due Tuesday, Sept. 29th at the beginning of class. You must show your work (on problems that require it) to receive credit. Please write legibly.

1. Consider the theoretical construct presidential power. Suggest two different operational definitions for it and criticize each from the viewpoints of specificity and objectivity of measurement.
2. For each measure from the previous questions, describe the types of systematic and random error that might be expected to influence the scores.
3. For each of the following situations, give 4 numbers that satisfy the stated conditions.
 - (a) mean = 17, IQR = 5
 - (b) mode = 27, median = 27
 - (c) mean = 3, maximum = 3
 - (d) mean=median=mode=0
4. Chapter 3 review exercises
 - #2, #7, #8, #12

(These numbers are the same for both the 3rd and 4th editions.)