

Variables, Central Tendencies, and Standard Deviations

Here are some practice problems for identifying types of variables and calculating their central tendencies and variances. Form groups for four, and in groups identify what types of variables these are, and then identify their appropriate central tendency measures and then variances.

Units	A	B	C
1	10.1	Very Liberal	French
2	6.7	Very Conservative	English
3	2.5	Conservative	Swahili
4	8.9	Moderate	Spanish
5	3.7	Moderate	Spanish
6	4.2	Liberal	Mandarin
7	1.1	Very Liberal	English
8	4.4	Conservative	English
9	7.3	Moderate	English
10	8.9	Liberal	Swedish
11	0.7	Moderate	English
12	9.2	Very Liberal	French

1. What kind of variable is A? What about B? And C?
2. What central tendency measure would be appropriate for each?
3. Assign your own numbers for B and C. What is the median or mode for B and C, given your numbers? [Only find the mode or median where appropriate.]
4. What is the mean and standard deviation for A?