

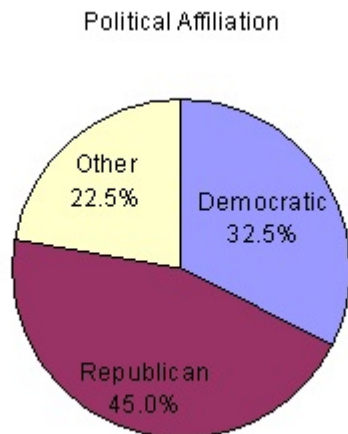
STAT 308 - Handout #2

Graphical Displays of Qualitative Data

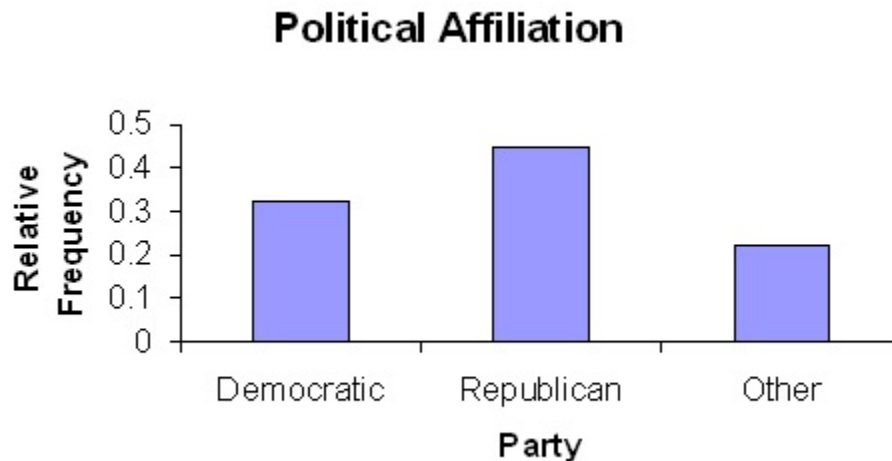
Pie Chart: Ex. Recall example 2.8 pg 52 (50). Political affiliation of 40 students.

Responses: 13 Democratic
18 Republican
9 Other

Party	Relative Frequency
Democrats	0.325
Republican	0.450
Other	0.225



Bar Chart:



Stem and Leaf Diagrams:

Ex. Consider the following set of student examination marks

62	55	48	73	73	75	39
82	94	81	85	68	65	29
61	51	69	76	89	78	77
70	67	73	56			

Stem-and-Leaf Display: Marks

Stem-and-leaf of Marks N = 25
Leaf Unit = 1.0

```
2 9
3 9
4 8
5 156
6 125789
7 03335678
8 1259
9 4
```

Stem-and-Leaf Display: Marks

Stem-and-leaf of Marks N = 25
Leaf Unit = 1.0

```
2 9
3
3 9
4
4 8
5 1
5 56
6 12
6 5789
7 0333
7 5678
8 12
8 59
9 4
```