

Practice & Review: Mean, Median, Mode, Dot Plots, & Histograms

Measures of Center (Mean, Median, Mode)

Given the three data sets*, calculate the measures of center for each location.

Mean - Add the data, divide by "n"
Median - Order the data, find the middle
Mode - Most common value

Hydaburg, AK	8/14	8/15	8/16	8/17	8/18
	66°	58°	61°	58°	55°
	8/19	8/20	8/21	8/22	8/23
	58°	56°	58°	59°	58°
MEAN	58.7		MEDIAN	58	
MODE 58					

55, 56, 58, 58, 58, 58, 59, 61, 66
n=10, Sum=587

Nome, AK	8/14	8/15	8/16	8/17	8/18
	50°	53°	55°	60°	59°
	8/19	8/20	8/21	8/22	8/23
	58°	58°	57°	55°	52°
MEAN	55.7		MEDIAN	56	
MODE 55 & 58					

50, 52, 53, 55, 55, 57, 58, 58, 59, 60
Find the middle number. Add them, divide by 2
n=10, Sum=557

There can be 2 modes. Called a "bimodal distribution"

Barrow, AK	8/14	8/15	8/16	8/17	8/18
	47°	40°	39°	41°	40°
	8/19	8/20	8/21	8/22	8/23
	40°	40°	40°	41°	41°
MEAN	40.9		MEDIAN	40	
MODE 40					

39, 40, 40, 40, 40, 40, 41, 41, 41, 47
n=10, Sum=409