

## Comparing Data Using Box Plots

1. The percentage of juice lost after thawing for 19 different strawberry varieties appeared in the article “Evaluation of Strawberry Cultivars with Different Degrees of Resistance to Red Scale” (*Fruit Varieties J.* (1991): 12 – 17):

46	51	44	50	33	46	60	41	55	46
53	53	42	44	50	54	46	41	48	

- Are there any observations that are mild outliers?
- Construct a boxplot and comment on the important features of the plot.

2. A *Consumers Reports* article on peanut butter (Sept. 1990) reported the following scores for various brands:

56	44	62
36	39	53
50	65	45
22	40	56
68	41	30
40	50	56
30	Creamy	



62	53	75
42	47	40
34	62	52
50	34	42
36	75	80
47	56	62
	Crunchy	

Draw both box plots to compare this data, what conclusions can you make on the score of creamy peanut butter versus crunchy peanut butter?