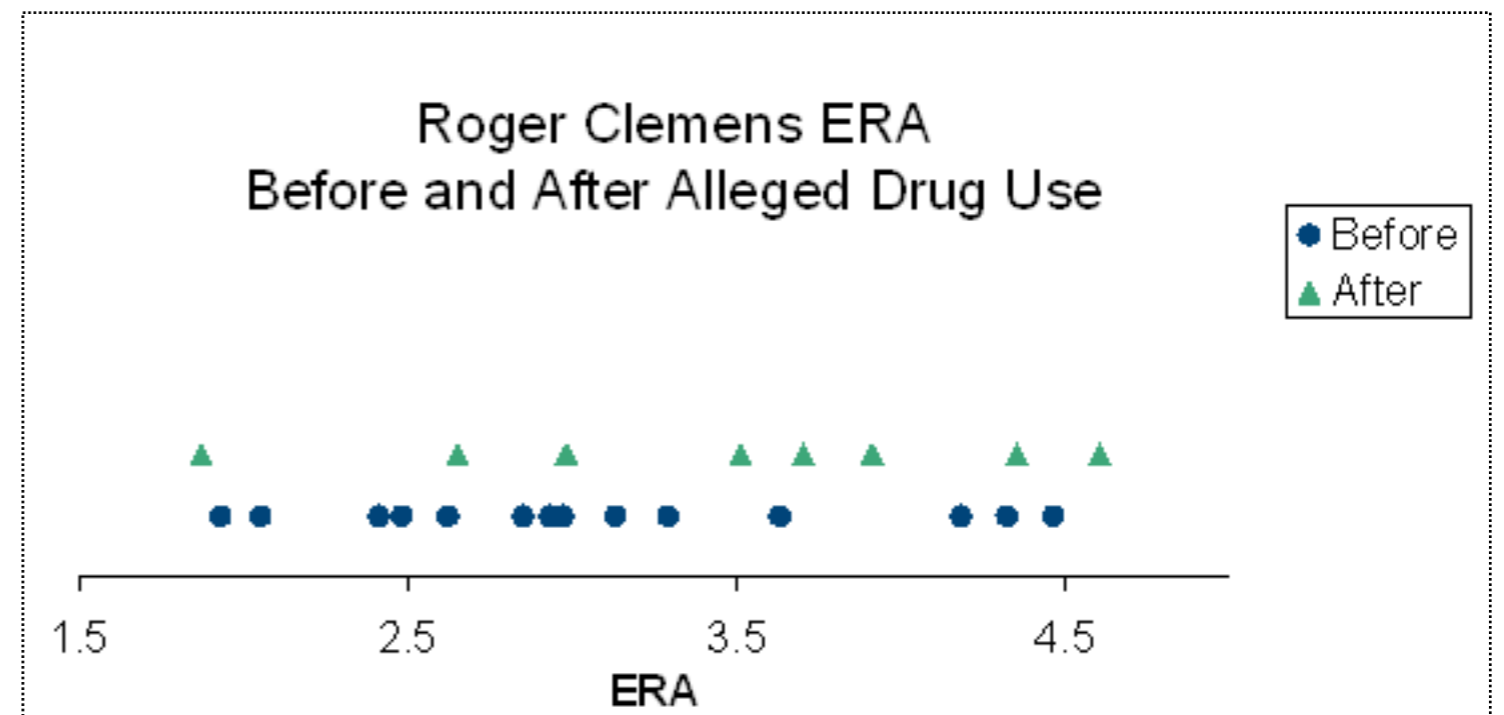
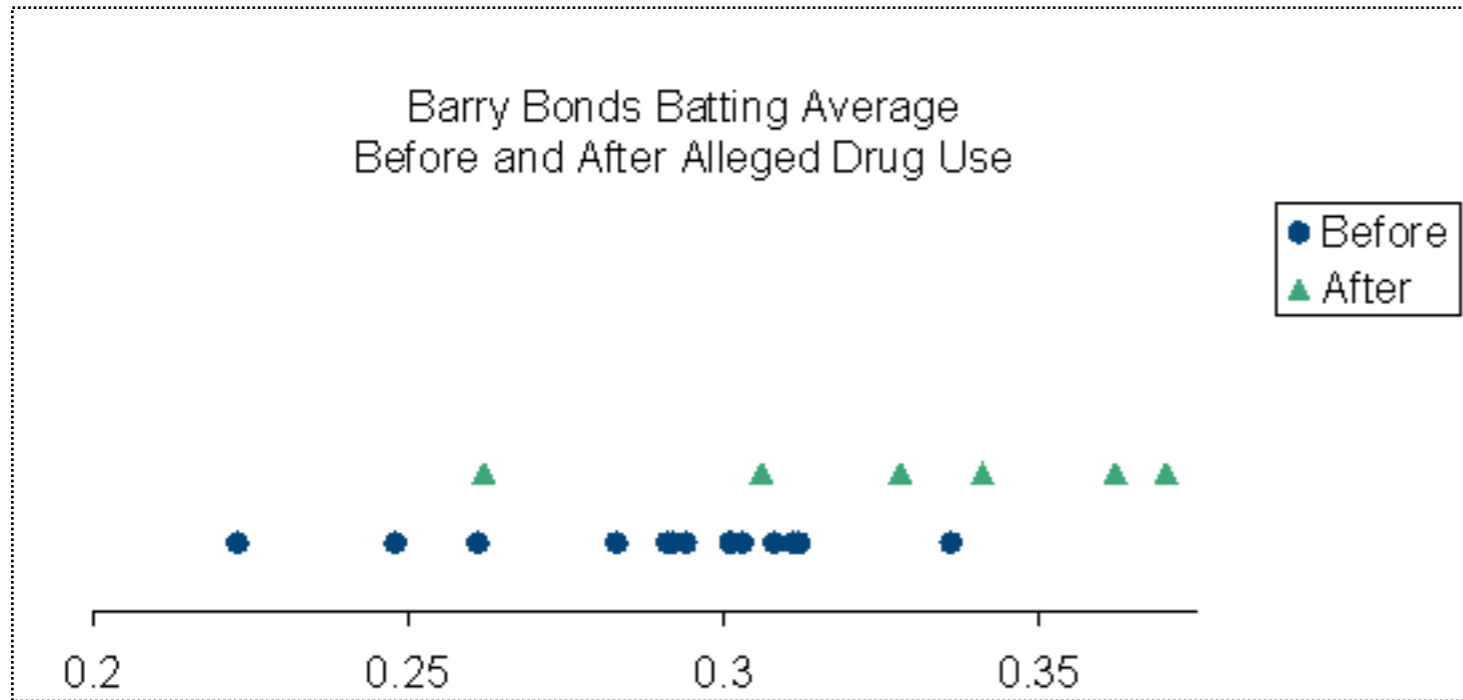


Dot Plot

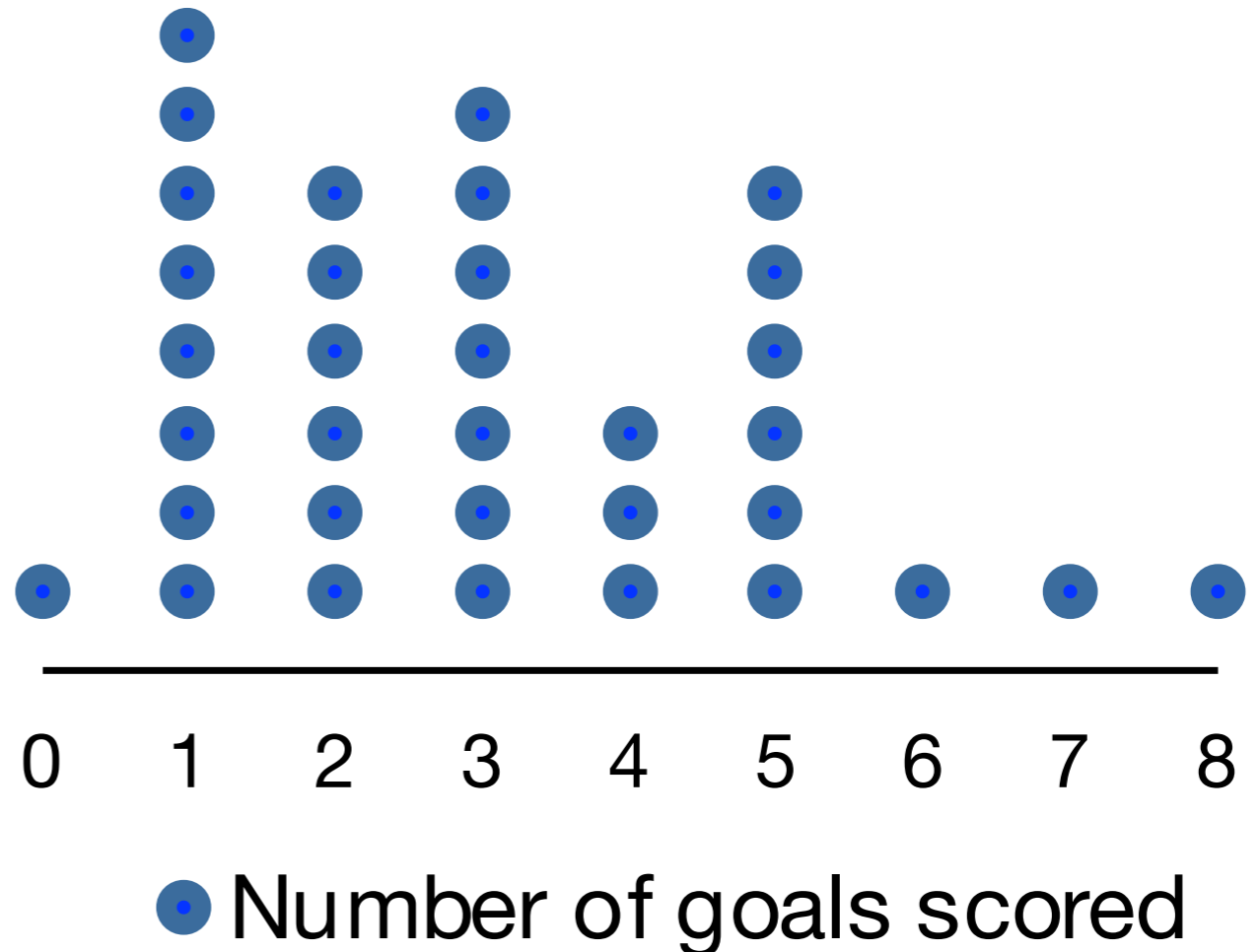


Dot Plot

How good was the 2008 US women's soccer team? Here are data on the number of goals scored by the team in each of the 34 games played during the 2008 season.

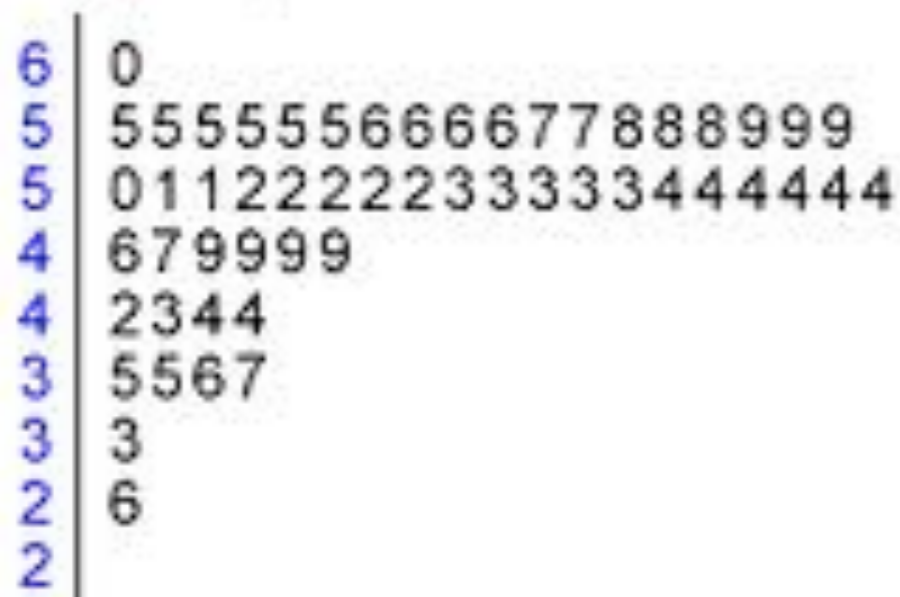
3	0	2	7	8	2	4	3	5	1	1	4
5	3	1	1	3	3	3	2	1	2	2	2
4	3	5	6	1	5	5	1	1	5		

Here is a dotplot of the data.



Stem-and-Leaf Plot

5 | 9 represents 59 marks out of 60



But what is a stem and leaf plot? 🙋

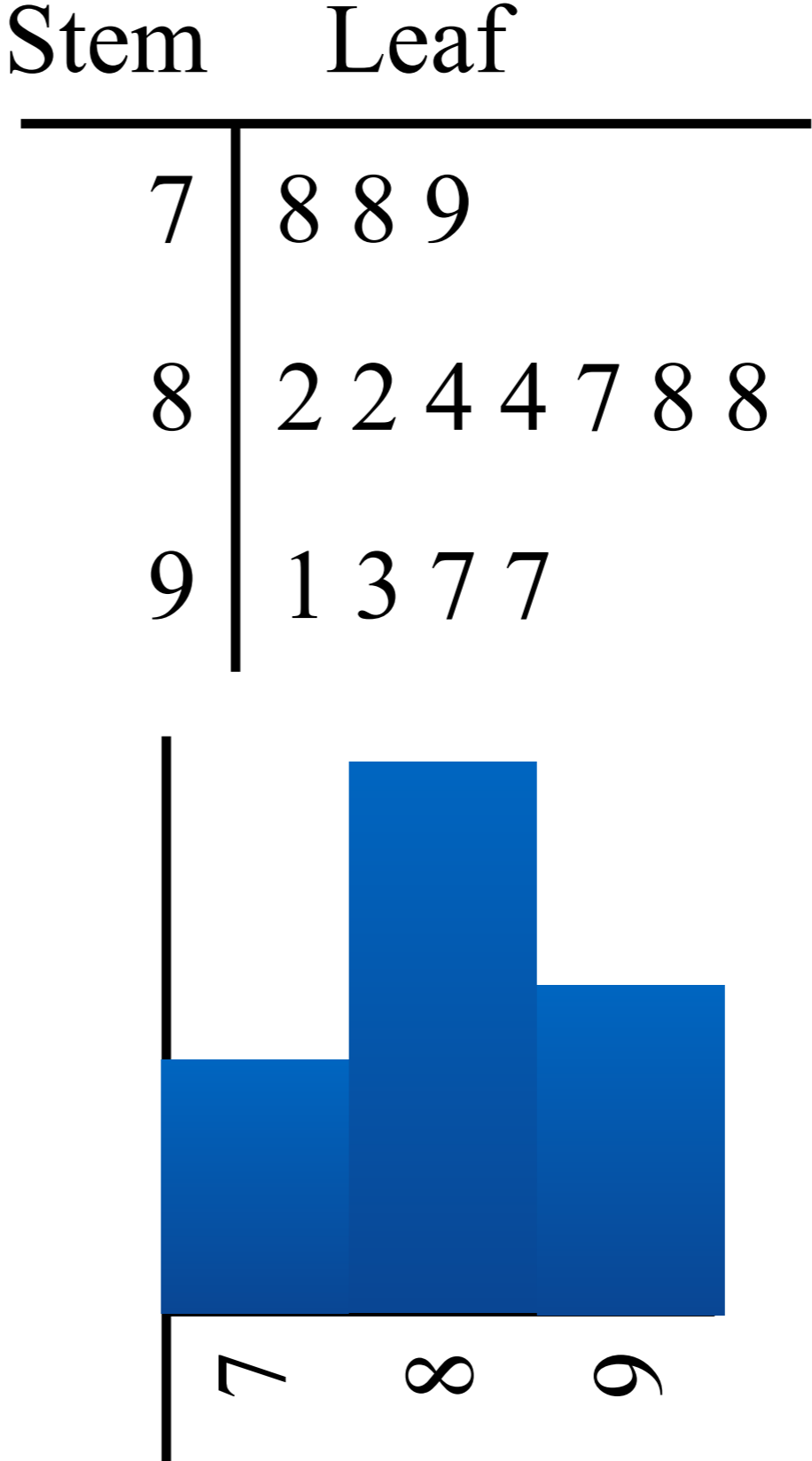
Table 1

Stem-and-Leaf Plot Showing Distribution of Adult Heights (N=200)

<u>Inches</u>	<u>.1 inches</u>
55	3
56	9
57	7
58	57
59	25
60	228899
61	1225667
62	033556899
63	011223558888999
64	012333344555688
65	1123345555566788889
66	0112234455668889999
67	0001222345555566666667899
68	112223333344455666799999
69	112335555589
70	1244566779
71	234455789
72	11223344666778
73	06678
74	8
75	18

Stem-and-Leaf Plot

Test Scores
78
87
88
97
84
93
82
79
88
97
84
91
82
78



Back-to-Back Stem-and-Leaf Plot

	8	05
	7	156
	6	233
330	5	168
9420	4	06
622	3	
	2	

Heart rates		
Group 1	Stem	Group 2
	11	
7 5 5	12	5 5 6
9 9 9 9 8 8 7 7 6	13	4 6 8 8
6 6 4 4 0	14	2 3 6 6 7 8 8
4 2 0	15	3 5 5 7
	16	2 4

Leaf	Stem	Leaf
3 4 9	0	2 2
5 8	3	1 5
4 6	4	3 6
1	7	2 5 8

Test I		Test II
Leaf	Stem	Leaf
3 2	5	
2 0	6	2 5 6 7
5 3 1	7	3 5 6
5 5 0	8	0 4 4
2	9	3
Key: 3 5 = 53		Key: 5 3 = 53

	3	2	0		5		
		9	8		5	9	
4	1	0	0		6	2	4
	7	6	6		6	7	8 8
			2		7	1	1 4 4
		9	6		7	8	
					8	2	4
					8	9	
					9	2	

Pulse Rate before exercise Pulse Rate after exercise

Back-to-Back Stem-and-Leaf Plot

<i>Heart rates</i>		
<i>Group 1</i>	<i>Stem</i>	<i>Group 2</i>
7 5 5	11	
9 9 9 9 8 8 7 7 6	12	5 5 6
6 6 4 4 0	13	4 6 8 8
4 2 0	14	2 3 6 6 7 8 8
	15	3 5 5 7
	16	2 4

One more for good measure

Get the idea?

Group 1	Group 2
115	125
115	125
117	126
126	134
127	136
127	138
128	138
128	142
129	143
129	146
129	146
129	147
130	148
134	148
134	153
136	155
136	155
140	157
142	162
144	164