

Homework Solutions

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Exercise 24

(a)

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

(b) The distribution is unimodal and symmetric.

(c) Connecticut, with a gain of 6.1%.

(d)

1993-94	Stem	1996-97
	-1	0
	0	
	1	
8 4 7	2	9 4 8
6 8 7 9 1	3	9 3 1 5 6 4 8
3 0 9 7 9 2 7 6 3 8 9 1 9 3 7 1 5 4	4	8 7 5 4 5 3 5 9 7 7 0 3 0 4 0 8 4 1 9 9 7 3 5 7 0 6 9
6 7 1 4 9 4 3 4 2 0 6 1 1	5	1 0 4 8 2 0 0 5 4 7
1 4 3 3 1	6	1 0
4 0	7	
6 5	8	
5	9	
1	10	

The are very similar, but the 1993-94 data are somewhat skewed to the right.