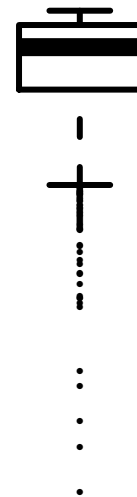
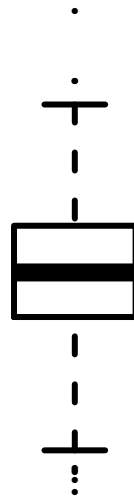
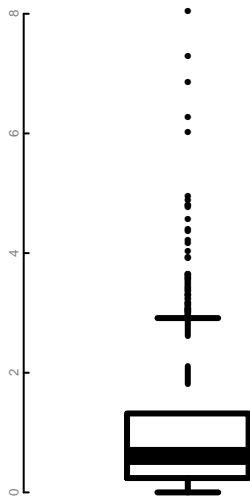
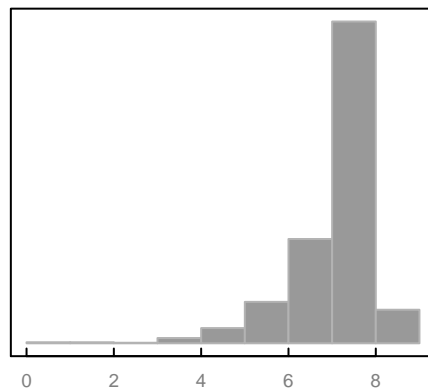


BIOS 600 · Quiz 2.2: Summary Methods

Fall 2011

1. **Honor Pledge:** I have neither given nor received unauthorized aid on this assignment.
(Sign and print your name.)

2. Which boxplot represents the same data summarized in the histogram?



(continues on back)

3. Find the quartiles of X in the following dataset.

i	X_i	$X_{(i)}$
1	0.73	0.17
2	2.08	0.32
3	4.50	0.45
4	1.72	0.45
5	17.18	0.47
6	1.60	0.48
7	0.47	0.62
8	0.45	0.64
9	1.17	0.73
10	1.86	1.03
11	0.45	1.11
12	1.03	1.17
13	1.64	1.17
14	5.15	1.21
15	0.48	1.60
16	1.17	1.64
17	1.98	1.72
18	2.18	1.86
19	0.17	1.98
20	0.32	2.08
21	0.62	2.18
22	1.21	4.46
23	4.46	4.50
24	0.64	5.15
25	1.11	17.18

3. Find the sample variance of the following numbers.

0, 2, 3, 0, 3, 4