

## HW 1 Grading Rubric

### Written portion:

#### 1-1

1. 1 pt for each part of the question.
2. 1 pt off if no discussion of bias, 2 pts off if completely wrong.
3. 1 pt for definition, 1 pt suitable/not suitable.
- 5, 8, 9, 10: 1 pt answer, 1 pt justification.
- 17: 1 pt each question.
- 18: 2 pts yes/no correct.
- 19: 1 pt answer, 1 pt justification.

#### 1-3

- 5, 6, 8, 10, 15, 16, 17, 24: 2 pts each for correct answer.

#### 1-4

1. 1 pt yes/no, 1 pt justification.
- 3: 1 pt each question.

#### 2-2

- 10: 1 pt width, 1 pt midpoints and boundaries.
- 22, 24: 1 pt answer, 1 pt table.
- 29: 1 pt off if some values correct, 2 pts off if no values correct.
- 31: 1 pt table, 1 pt answer to question.

**Coding Portion:**

- (a): 5 pts for reading data in
- (b): 2.5 pts for command, 2.5 pts for column names.
- (c): 2.5 pts answer, 2.5 pts justification.
- (d): 3 pts for both plots, 1 pt each for labels.
- (e): 2.5 pts for each bar plot and histogram.
- (f): 2.5 pts for each date.
- (g): 5 pts for computing, 5 pts for the plot.
- (h): 2.5 pts for each date.