STAT 350 (Spring 2016) Homework 1 Written 1

Name: Tian Qiu

Email: qiu58@purdue.edu

Instructor: Chris Womble

1. 6

|  |  |  |
| --- | --- | --- |
| Class | Frequency | Relative Frequency |
| 5-10 | 4 | 0.08 |
| 10-15 | 5 | 0.1 |
| 15-20 | 12 | 0.24 |
| 20-25 | 18 | 0.36 |
| 25-30 | 7 | 0.14 |
| 30-35 | 4 | 0.08 |
| Total | 50 | 1 |
|  |  |  |

2. Negative-skewed. Right is heavy. And it is heavy-tailed.
3. No outlier. Because all the data are smooth organized.