

Honors Statistics

Review: Histograms and Ogives

The data represents plant heights (in inches) of a sample of tomato plants. Use 5 classes.

40 44 35 49 35 43 35 36 39 37 41 41
48 52 37 45 40 36 35 50 42 51 33 34
51 39

1. Construct a frequency distribution and frequency histogram.
2. Construct a relative frequency distribution.
3. Construct a cumulative frequency distribution and ogive.

The data represents the number of children of the U.S. presidents. Use 6 classes.

0 5 6 0 3 4 0 4 10 15 0 6 2 3
0 4 5 4 8 7 3 5 3 2 6 3 3 1
2 2 6 1 2 3 2 2 4 4 4 6 1 2

4. Construct a frequency distribution and frequency histogram.
5. Construct a relative frequency distribution.
6. Construct a cumulative frequency distribution and ogive.