

Stat 201: Statistics I

StatCrunch: Chapter 2

Metropolitan
State University



Chapter 2

Summarizing and Graphing Data

Section 2.2

Histograms

Histograms in StatCrunch

- Graph → Histogram
- Select column that contains data for histogram
- Optional: Select type of histogram. This will adjust y-axis scale.
- Optional: Set “Bin: Width”. This will determine number of bars displayed.
- Click “Compute!”

Note

StatCrunch expects raw data for generating histograms. It won't work with data in frequency tables. To approximate a histogram using a frequency table, use a bar graph (see next section).

Section 2.3

Graphs that Enlighten and Graphs that Deceive

Graphs in StatCrunch

Dotplots and stem-and-leaf plots

- Graph → Dotplot or Stem and Leaf
- Select column that contains the data to be graphed
- Click “Compute!”

Bar plots and pie charts

- Graph → Bar Plot or Pie Chart → With Summary
- Select the column containing category names
- Select the column containing category counts
- Click “Compute!”

Pareto charts

Follow steps for bar chart, except...

- Under “Order by” select “Count descending”

Scatterplots and time series plots

- Graph → Scatter plot
- Select column that contains the data for the x-axis (time variable for time series plots)
- Select column that contains the data for the y-axis
- For time series plots, under “Display” select lines (shift-click to select both points and lines)
- Click “Compute!”