

Summary Measures

Box plot

FNS (five number Summary)

Regular

Modified

~~Q-Q~~

Plots

2-dim

Categorical x Categorical

~~not a plot~~
2-way table
Segmented Bar Graph
Side-by-Side Bar

Categorical x Quantitative

~~Stem~~ Side-by-side Stemplot

Population Histogram

Box & Whisker (w/categories on y or x-axis)

Quantitative x Quantitative

Scatterplot

1-dim

Categorical

Bar Chart

Quantitative

Dot plot

Stemplot

Box & whisker (aka boxplot)

Association

Scatterplot

Direction of association

Strength " "

Linear/non-linear

Correlation coefficient

know strengths/limitations ~~?~~
(from class notes)

Calculations

mean

median (for even and odd # sets)

Standard deviation (sample & population)

FNS

Range

IQR

Box & whisker calcs (eg. $1.5 \times \text{IQR}$)

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