

AP Statistics

2019-01-15 1.2 Displaying Quantitative Data with Graphs

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To look for a pattern on a graph, check your **SOCS**:

Shape - highest point, skews left/right, symmetry

Skews are the opposite of where the head went (indicates the side that was stretched out)

See "2019-01-15 1.2 Displaying Quantitative Data with Graphs - Image 1.png"

Outliers - values that are significantly different

Center - median, mean, and average of distribution

Spread - How much variation is there in the data?

Unimodal - only one peak

Bimodal - two clear peaks

Multimodal - more than two peaks

Spread = classical range (max-min)