AP Stats – Chap 6 Terminology (Vocab)

Concept	Words Used
A bivariate relationship	relationship association correlation (only when trend is linear)
A summary line	regression line trend line model fitted line least squares line
The degree of spread	correlation measure of strength of the spread noise scatter variation precision

AP Stats – Chap 6 Terminology (Vocab)

Concept	Univariate	Bivariate
The Key Idea	distribution	relationship / association
Displays	dotplot stem-and-leaf boxplot histogram	scatterplot
Shape	unimodal, bimodal symmetry, skewed clusters, gaps, outliers	linear, curved varying strength clusters, gaps, outliers
Ideal Shape	Normal model	linear
Measure of Center	mean median	regression line
Measure of Spread	Standard Deviation IQR	correlation

Describing Bivariate Data

	Positive	Negative	None
Trend			

	Strong	Moderate	Weak
Strength			

	Constant	Varying Strength: Fan to Right	Varying Strength: Fan to Left
Variability			

	Linear	Curved	None
Pattern			

	Outlier in x	Outlier in y	Outlier in the Residuals
Influential Point			