Correlation
Positive Correlation

dependent variable

Mid-term Score

Cumulative Quiz Score

independent variable
August Temperatures vs Elevation in Northern California

Decrease temperature
Increasing correlation

Independent variable
feet

Years
8000 6000 4000 2000

Degrees
85 80 75 70 65
strong association
weak association
perfect association
strong association: knowledge of one variable tells you a lot about the other.

weak association: knowing one variable tells you very little about the other.

How to measure the strength of the association.