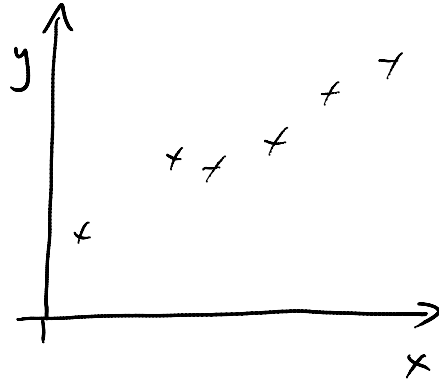


Section 13.1: Linear Regression and Correlation

Monday, June 10, 2013
3:02 PM

Suppose you have some bivariate data - data in x & y



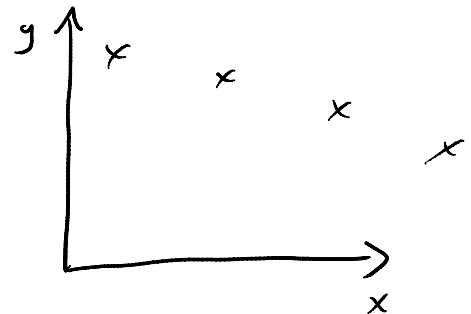
← scatterplot
(type of graph)

you should always look at the data and particularly the scatterplot with the Mark I human eyeball

→ by looking at the graph, we can see (by inspection!) relationships between variables (if any) and potential outliers (if any)

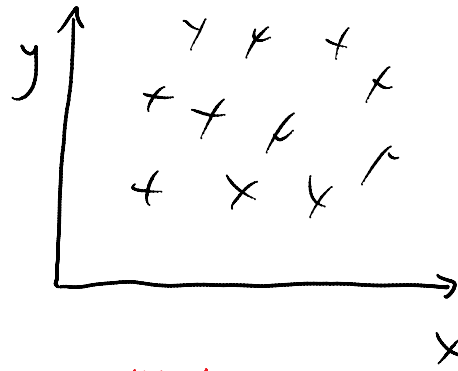
is there a relationship?

- referred to as an association



~~positive relationship~~
assoc

~~negative~~



~~little/no~~
relationship
assoc.



linear
association



non-linear