

## Card Sort Activity: Scatterplot Interpretation

A. The association is positive.

B. The association is negative.

C. The association is linear.

D. The association is non-linear.

E. The association can be described as strong.

F. The association can be described as moderate.

G. The association can be described as weak.

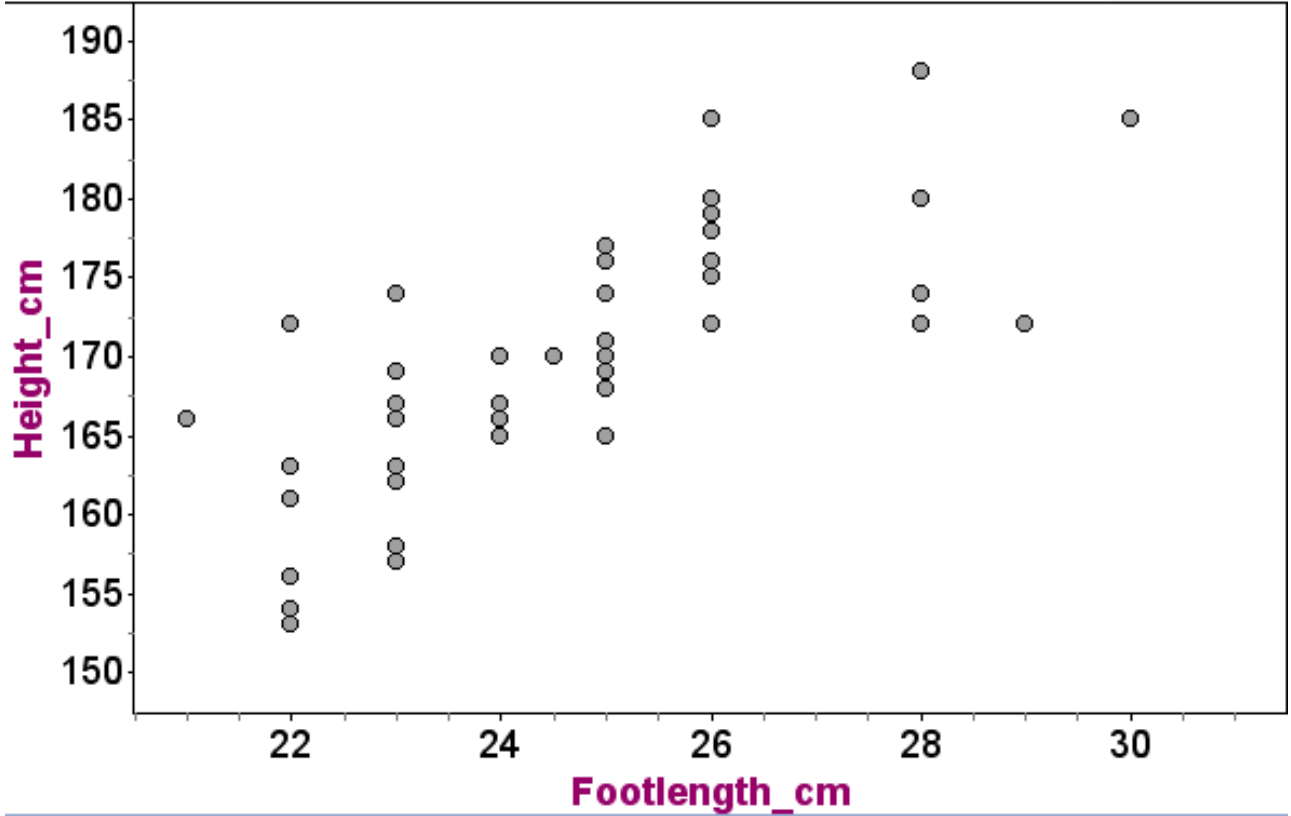
H. There is no association.

J. There are influential outliers on the LSRL.	K. There are no outliers.
L. Correlation can be used to describe this association.	M. The residual plot would show a curved pattern.
N. The residual plot would show random scatter.	P. Based on the plot, the relationship is <u>causal</u> .

**DIRECTIONS**: Pass out cards randomly to group members. Take turns creating two columns of cards: Statements that are TRUE for the given scatterplot and statements that are FALSE for the scatterplot. Before placing the card, explain your reasoning. If everyone in your group agrees, place the card. If your group does not agree, you can make a third column.

CAS.2018.csv

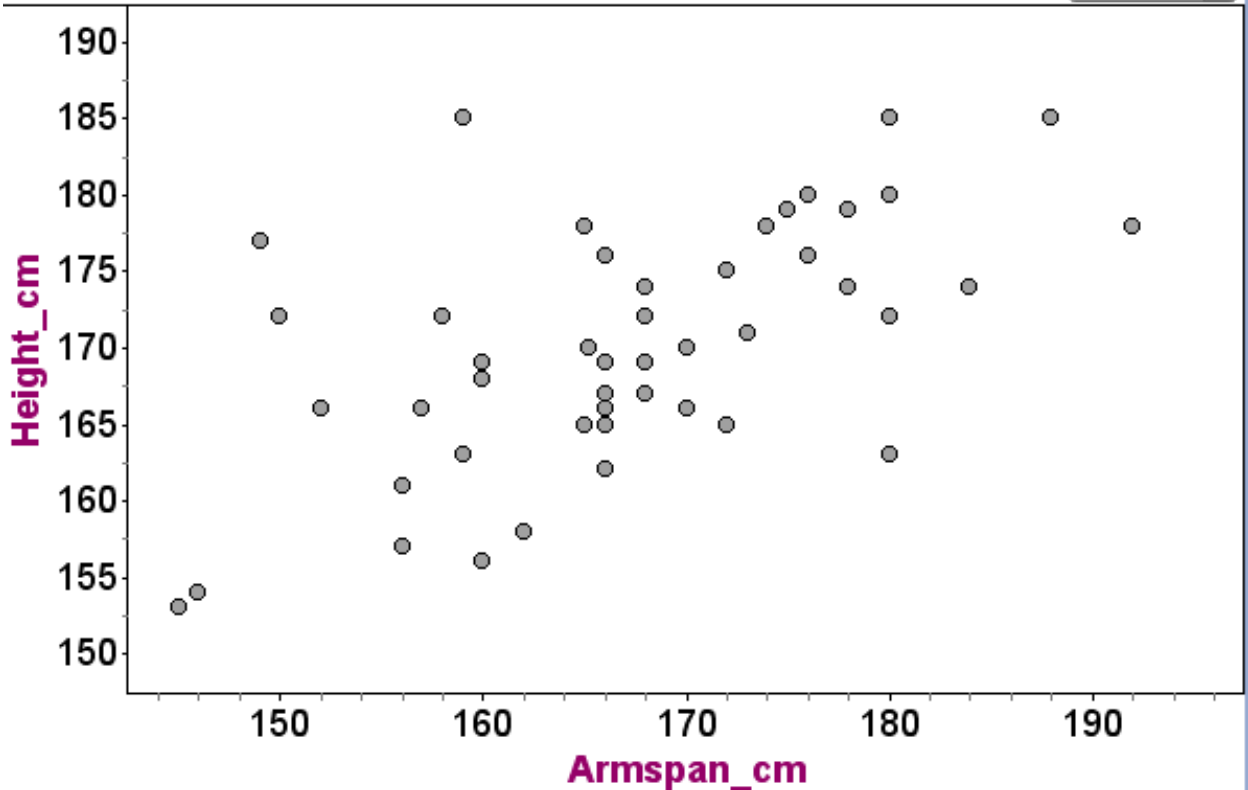
Scatter Plot



Census At School Survey

CAS.2018.csv

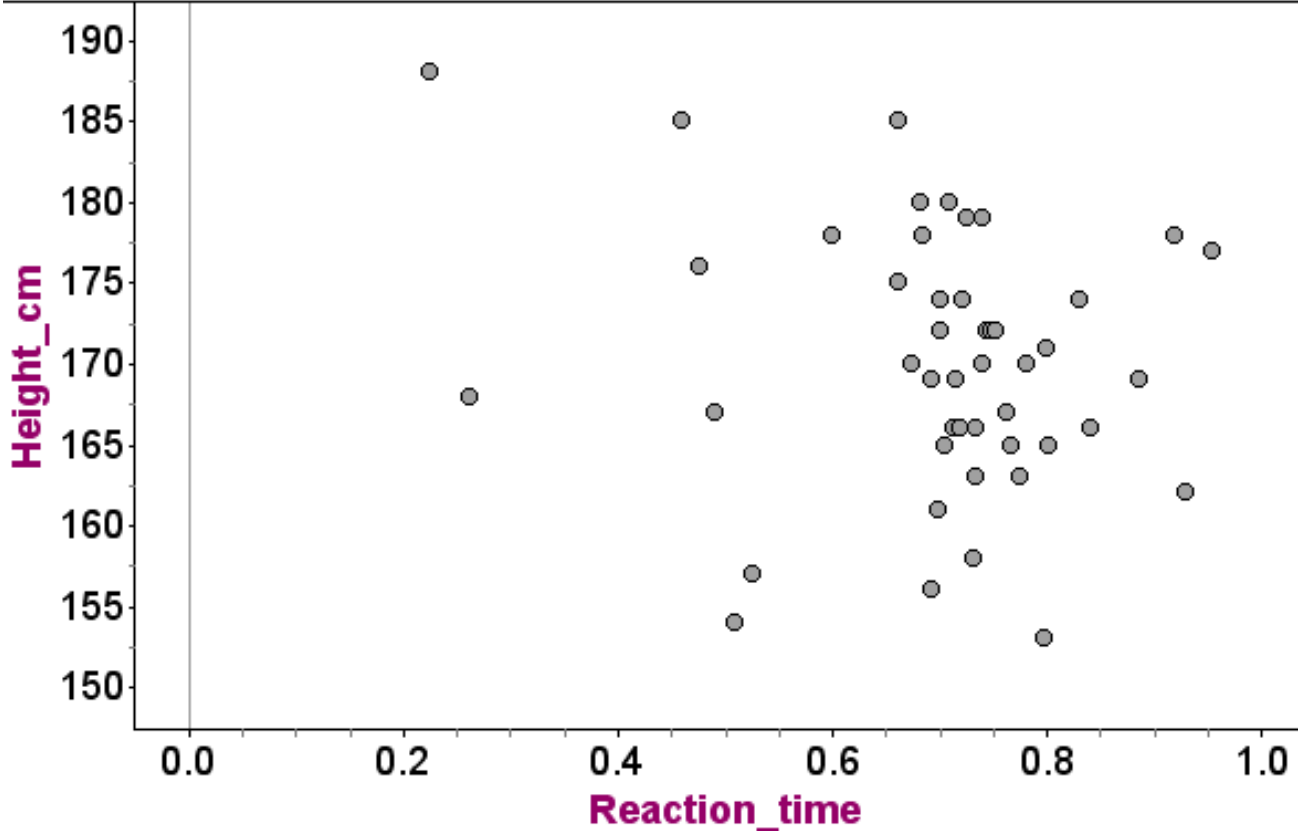
Scatter Plot



Census At School Survey

CAS.2018.csv

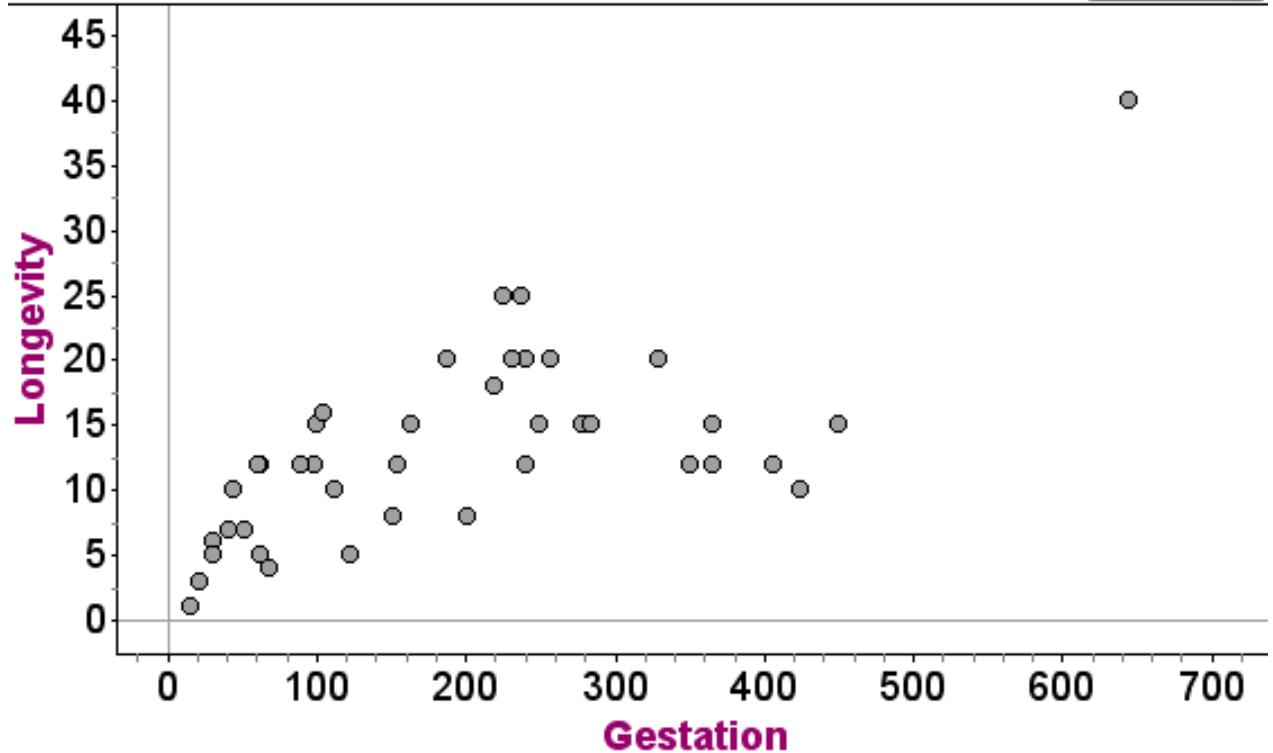
Scatter Plot



Census At School Survey

Animals

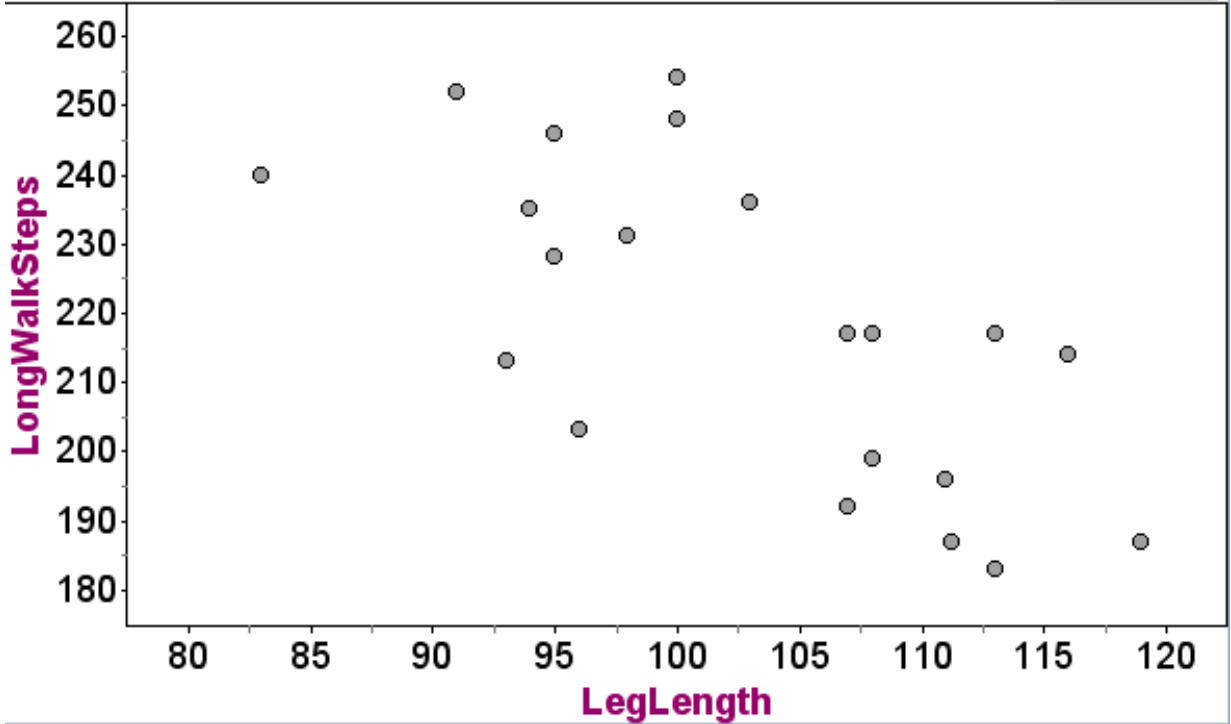
Scatter Plot



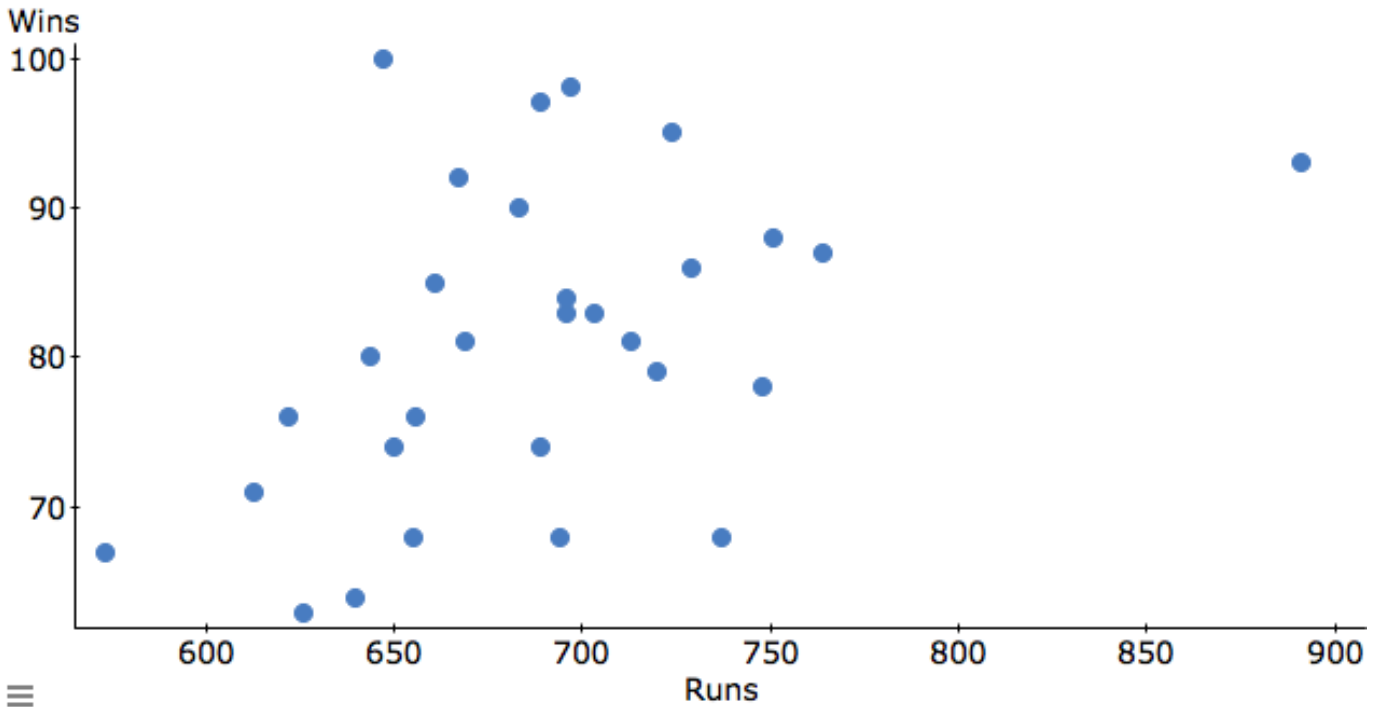
Animals Data

Collection 1

Scatter Plot

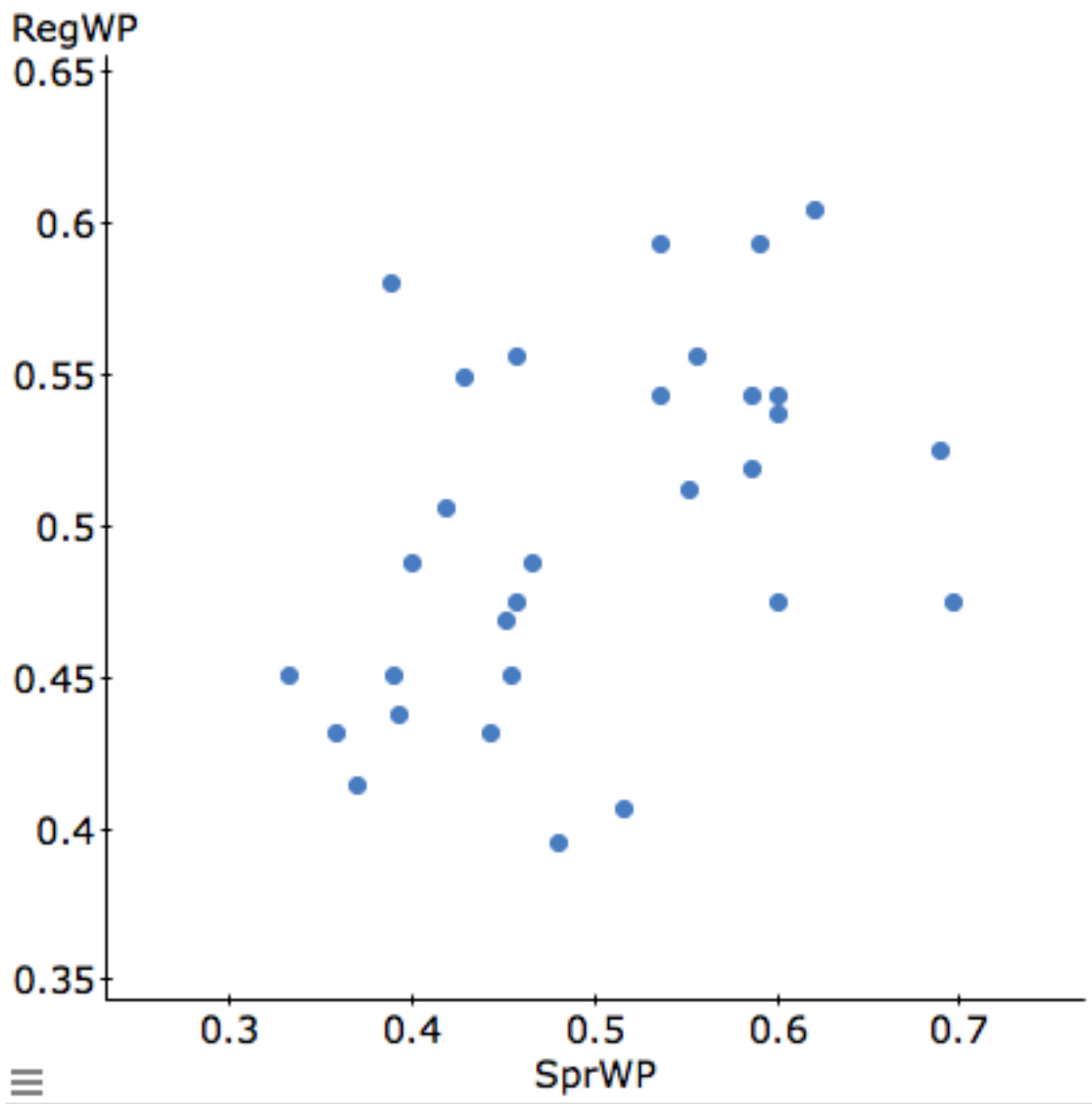


Walking Hallway Activity



2015 MLB Teams: Runs vs. Wins





MLB Spring Training Winning % vs Regular Season Winning %