

Measures of Central Tendency

Measures of Dispersion



Measures of Central Tendency

Mean

Median

Mode

Measures of Dispersion

Range

Inter Quartile Range

Standard Deviation

Variance



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Median house price in your city



Median house price in your city



Median house price in your city



Median house price in your city



Median house price in your city



Median house price in your city



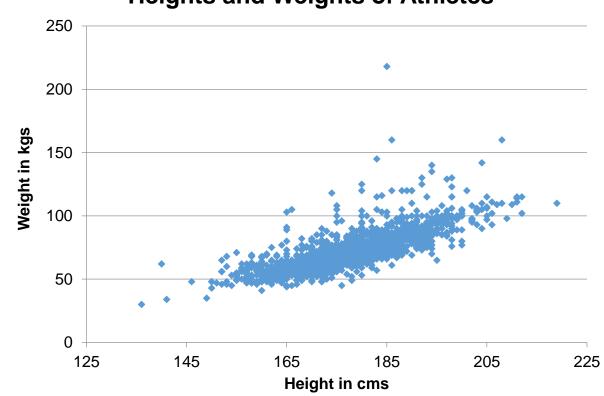
Co-variation amongst two variables



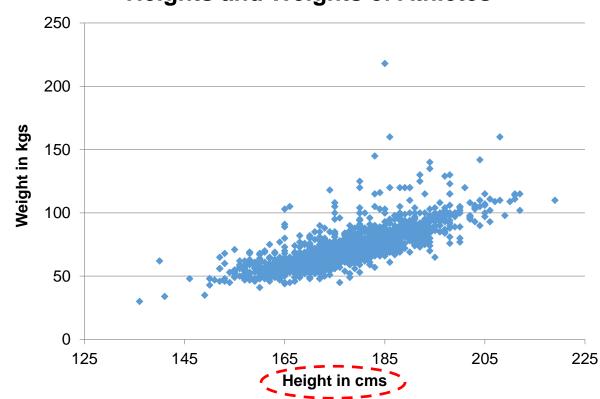
Co-variation amongst two variables

Measures of Association

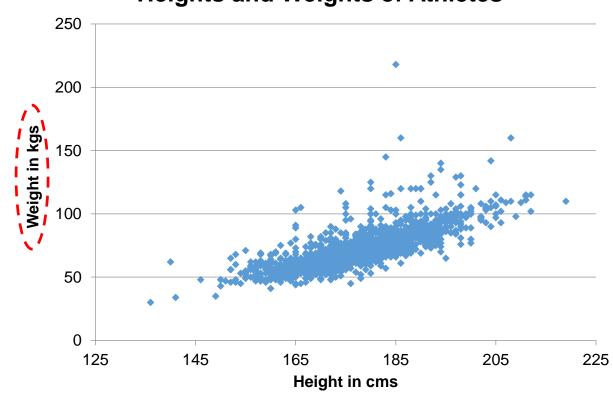




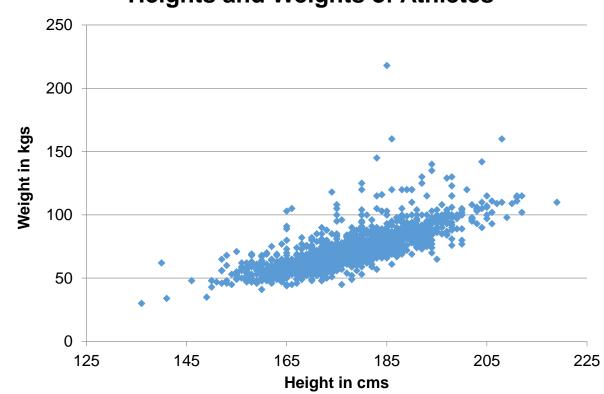




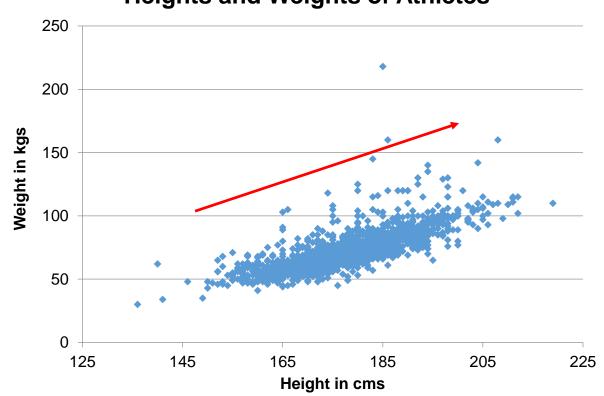














Covariance

Correlation

Covariance = 
$$\frac{1}{(n-1)} \sum_{i=1}^{n} (X_i - \bar{X}) (Y_i - \bar{Y})$$



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Excel Command (covariance)

=COVARIANCE.S(range1, range2)

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