

Correlation

Population Correlation

FRST430 - Advanced Biometrics Cheat Sheet by gooberta44 via cheatography.com/216191/cs/47182/

## Statistical Inference

Random observed Inference sampled to pop. randomly assigned casual inference treatment groups

\* casual inference -> differences CAUSED by treatments

## population covariance equation

$$s_{xy} = \left(\sum_{i=1}^{N} (y_i - \bar{y})(x_i - \bar{x})\right)$$
with strong neg.

correlation near - 1

through position near - 1

Sample covariance equation

## sample covariance equation

$$\sigma_{xy} = \left(\sum_{i=1}^{N} (y_i - \mu_y)(-\mu_x)\right) / N$$

\* + # = + relationship -# = - relationship



By gooberta44

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