

Coefficient of Determination

A statistic that is closely associated with the correlation coefficient is the sample of *coefficient of determination* denoted by r^2 and expressed in percent, which gives the proportion of total variability in Y that could be explained or accounted for by the linear relationship with X . This coefficient can be used to compare the strengths of the linear relationships between two pairs of variables: X_1 and Y_1 versus X_2

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]