On Monotone Coefficients and Linearity

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A general Monotone Coefficient will be presented. Most (non-linear)of the known Correlation coefficients are special cases of the MC. Other methods of data analysis based on the Monotone principal will also be presented as an alternative to the classical Linear approaches. For example – Regression , Discriminate Analysis and Time Series.

In addition: Two original linear coefficients will be presented. One based on counting (in a r*c table) and the other on a series of differences. The Durbin – Watson coefficient is a special case of this.

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