

Comparison of the Least-Squares Regression Line and a Truncated Discrete Fourier Transform when describing Linearly Correlated data

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Abstract

For long, the least squares regression line has been a primary method to analyze linearly correlated data. In this paper, the author suggests a method involving the Fourier transform that achieves evreything the regression line achieves– and more

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Fourier final draft.docx available at <https://authorea.com/users/663363/articles/676317-comparison-of-the-least-squares-regression-line-and-a-truncated-discrete-fourier-transform-when-describing-linearly-correlated-data>