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Statistically meaningful trend

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Source

Andreas C. Bryhn, Peter H. Dimberg. (2011). *An Operational Definition of a Statistically Meaningful Trend*. PLoS ONE, vol. 6 (4), e19241.

If one or several regressions concerning time and values in a time series, or time and mean values from intervals into which the series has been divided, yields $r^2 \geq 0.65$ and $p \leq 0.05$, then the time series is statistically meaningful.