IIMK/WPS/34/OM&QM/2008/04

A Note on some Exponential Smoothing Forecasting Methods

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We consider the single, double and triple exponential smoothing methods, in which additive trend and seasonality may be included. These are compared among themselves and also with last-value forecasting. This is done using a theoretical model and data from an actual time series. We observe that, double or triple exponential smoothing methods may give more accurate forecasts than last-value or single exponential smoothing forecasts sometimes. But, often, there may not be much difference among such methods.

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