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Sliding simulation: a new approach to time series forecasting

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Title:	SLIDING SIMULATION: A NEW APPROACH TO TIME SERIES FORECASTING
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Abstract:	<p>This paper proposes a new approach to time series forecasting based upon three premises. First, a model is selected not by how well it fits historical data but on its ability to accurately predict out-of-sample actual data. Second, a model/method is selected among several run in parallel using out-of-sample information. Third, models/methods are optimized for each forecasting horizon separately, making it possible to have different models/methods to predict each of the m horizons. This approach outperforms the best method of the M-Competition by a large margin when tested empirically with the 111 series subsample of the M-Competition data.</p>