

### ForTANK

We are continuously developing two versions of a prototype Forecasting Support System:

- **forLAB** [rokdownload menuitem="124" downloaditem="74" direct\_download="true"]Operational Manager[/rokdownload]
- **forLAB** Strategic Manager (Beta version upon request)

These software tools integrate all the state-of-the-art solutions developed by the experts of the forLAB as well as the broader forecasting think-TANK: forTANK, and are provided for free to Academics, affiliated Institutions and Commercial Partners

We also do keep on developing research applications:

- **Horses for Courses** [rokdownload menuitem="124" downloaditem="77" direct\_download="true"] Simulator[/rokdownload], the software that replicates the simulated time series and their respective forecasts from the academic article "[‘Horses for Courses’ in Demand Forecasting](#)" from Dr. Fotios Petropoulos, Professor Spyros Makridakis, Professor Vassilios Assimakopoulos and Professor Konstantinos Nikolopoulos.

- **pLCC g-forCASTing** tool v1.0 (Timeseries tool for Council Wards), v1.1(Timeseries tool for Council Postcodes) and v2.0(Causal NN tool for Case-by-Case); demo of the prototype Local City Council Strategic Forecasting tool may be requested from the CEO of [Qoob Europe Ltd](#)  
[Mr Eugene Adams](#)

### Data

Data from the [rokdownload menuitem="124" downloaditem="78" direct\_download="true"]article [rokdownload]

### " **Growth, deregulation and rent seeking in post-war British economy**

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,  
by S. P. Chakravarty, D. D. Thomakos and K. I. Nikolopoulos publishe din 2015 in [Applied Economics](#)

## Freeware Software

[Delphi](#) is a judgmental forecasting software platform offering multi-round surveys of experts where anonymous feedback on the groups' responses and on reasoning is provided to the experts after each round. For a quick Delphi software user guide [see](#) .

[R statsticial software Forecast and Package for R](#) provides tools to forecast using time-series data in Language R for Windows. It contains:

- 24 exponential methods (smoothing in the state space modeling framework) from Hyndman, Koehler, Snyder and Grose, International Journal of Forecasting, 2002, 18, 439-454).
- Automatic selection of model ARIMA
- Graphical methods to show time series
- Sets of data from Makridakis, Wheelwright and Hyndman (1998), Forecasting: methods and applications, Wiley & Sons: New York. See [here](#) & [here](#) .

[PEERForecaster](#) Add-in for Excel: A univariate time series forecasting package.

- An implementation of the state-space models from Hyndman, Koehler, Snyder and Grose, International Journal of Forecasting, 2002, 18, 439-454.
- Include all the well-known techniques from simple smoothing, Holt trending, Holt-Winters seasonal models, and damped trend exponential smoothing models to the Box Jenkins ARIMA

models.

- Would be useful to practitioners for benchmarking and validating comparable models found in expensive demand planning systems.

- The algorithms and model interpretations are documented in Levenbach and Cleary (2005) Forecasting: Practice and Process for Demand Management, Cengage Publishers.

### Seasonal Adjustment Program