

dr. Liljana Ferbar Tratar

Faculty of Economics, University of Ljubljana

e-mail: liljana.ferbar.tratar@ef.uni-lj.si

Born: December 18, 1969, Ljubljana, Slovenia

CV

1 Education

1998 Ph.D., in Economics (Operations Research), University of Ljubljana, Faculty of Economics, Ljubljana, Slovenia, advisor: L. Bogataj

2001 M.Sc. in Mathematics, University of Zagreb, Faculty of mathematics, Zagreb, Croatia, advisor: I. Slapničar.

1995 M.Sc. in Economics (Operations Research), University of Ljubljana, Faculty of Economics, Ljubljana, Slovenia, advisor: L. Bogataj.

1993 B.Sc. in Applied Mathematics, University of Ljubljana, Faculty of Mathematics and Physics, Ljubljana, Slovenia, advisor: A. Suhadolc.

2 Employment

1993 – Faculty of Economics, University of Ljubljana

3 Area of research

Inventory Theory: inventory models, optimization

Forecasting Demand: Holt-Winters methods, extensions and improvements

Linear algebra: Eigen values and vectors, input-output analysis

4 Scientific articles

FERBAR TRATAR, Liljana, ČRESLOVNIK, David, MOJŠKERC, Blaž, RAJGELJ, Martin. Demand forecasting methods in a supply chain : smoothing and denoising. Int. j. prod. econ., ISSN 0925-5273. 2009, vol. 118(1), str. 49-54, IF(2009): 0.995

FERBAR TRATAR, Liljana. Joint optimisation of demand forecasting and stock control parameters. Int. j. prod. econ., ISSN 0925-5273. 2010, vol. 127(1), str. 173-179, IF(2010)=2.068

FERBAR TRATAR, Liljana. Forecasting method for noisy demand. International journal of production economics, ISSN 0925-5273. 2015, vol. 161, str. 64-73, IF(2015)=2.782

FERBAR TRATAR, Liljana, STRMČNIK, Ervin. The comparison of Holt-Winters method and Multiple regression method : a case study. Energy, ISSN 0360-5442. 2016, vol. 109, str. 266-276, IF(2015)=4.844

FERBAR TRATAR, Liljana, MOJŠKERC, Blaž, TOMAN, Aleš. Demand forecasting with four-parameter exponential smoothing. International journal of production economics, ISSN 0925-5273. Nov. 2016, vol. 181, part A, str. 162-173, IF(2015)=2.782

5 Educational work

Teaching at Faculty of Economics

2000 – Mathematics for Business, Mathematics for Business and Economics, Mathematics for Economics, Forecasting in supply chain, Decision and game theory, Inventory models, Optimization in Logistics

University textbooks

BOGATAJ, Ludvik, FERBAR TRATAR, Liljana. Matematika za ekonomiste : 1. In 2. del. 1. natis. Ljubljana: Ekonomska fakulteta, 2004. 245 str., graf. prikazi. ISBN 961-240-025-3.

HVALICA, Dušan, FERBAR TRATAR, Liljana, BOGATAJ, Ludvik. Izbrana poglavja iz matematike za poslovne in ekonomske vede : funkcije dveh spremenljivk, finančna matematika, (EF, Učbenik). 1. natis. V Ljubljani: Ekonomska fakulteta, 2008. II, 116 str., ilustr. ISBN 978-961-240-149-8.

ČIBEJ, Jože Andrej, FERBAR TRATAR, Liljana. Matematika za poslovno rabo. 1. natis. Ljubljana: Ekonomska fakulteta, 2012. 2 zv., ilustr. ISBN 978-961-240-232-7. ISBN 978-961-240-245-7.