Evgeniy M. Ozhegov

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EDUCATION

National Research University Higher School of Economics

Ph.D. in Economics (Cand. of Sc.), September 2015

- Major in *Mathematical and Quantitative Methods in Economics*
- Ph.D. thesis: *Estimation of Demand Function for Differentiated Products with Endogenous Characteristics*
- Advisor: *Mark J. Levin*, D.Sc.

Perm State National Research University

Diploma in Economics, June 2010

- Major in *Mathematical Methods in Economics*

CURRENT POSITIONS

National Research University Higher School of Economics

Academic Director, B.Sc. in Economics Program	2017-Present
Associate Professor, Department of Economics and Finance	2016-Present
Research Fellow, Group for Applied Markets and Enterprises Studies	2015-Present

PREVIOUS POSITIONS

National Research University Higher School of Economics

Assistant Professor, Department of Economics and Finance	2014-2016
Assistant Professor, Department of Applied Mathematics	2010-2014
Junior Research Fellow, Group for Applied Markets and Enterprises Studies	2012-2015

TAUGHT COURSES

National Research University Higher School of Economics

B.Sc. in Economics

Microeconometrics (in English), 2013, 2014, 2017, 2018
Game Theory (in English), 2010-2018
Research Seminar on Applied Ecomomics (in Russian), 2012-2018
Consumer Behavior (in Russian), 2015, 2016
Discrete Mathematics (in Russian), 2010-2012

B.Sc. in Management, B.Sc. in Political Science

Game Theory (in English), 2011-2016, 2018

M.Sc. in Finance

Econometrics II (in English), 2014-2018

TEACHING HONORS

Best Teacher, elected by HSE students	2018
Best Teacher, elected by HSE students	2017
Best HSE Students' Research Paper for supervising *A. Buzanakova*	2016
Best HSE Students' Research Paper for supervising *D. Orlov*	2014
Best HSE Students' Research Paper for supervising *D. Leontiev*	2013

RESEARCH INTERESTS	Empirical Analysis of Consumer Behavior Statistical Methods for Microdata Analysis Censored and Sample Selection Models Business Analytics and Operations Research	
GRANTS AWARDED	**Science Fund Program, Higher School of Economics** Individual Research Grant *Machine Learning Methods for Censored Demand Prediction*	2018-2020
	CEMI-RAS, International Scientific Fund Individual Research Grant *Autoregression Models of Real Estate Supply in Characteristics Space*	2017-2018
	Science Fund Program, Higher School of Economics Collective Research Grant (with *GAMES Lab*) *Empirical Estimation of Demand*	2015-2016
	Science Fund Program, Higher School of Economics Individual Research Grant *Semiparametric Identification of Demand Function for Products with Endogenous Characteristics*	2014-2015
	The Economics Education and Research Consortium (EERC) Individual Research Grant *Key Determinants of Demand, Credit Underwriting, and Performance on Government-Insured Mortgage Loans in Russia*	2013-2015
RESEARCH PROJECTS	**Perm Commuter Rail Company** Individual Research Project *Estimation of Demand and Tariff Optimization for Commuter Rail Transportation in Perm Region*	2017
	Perm Opera and Ballet Theatre Collective Research Project (with *A. Ozhegova*) *Estimation of Demand Function and Optimal Pricing*	2016-2017
	Agency of Home Mortgage Lending Collective Research Project (with *A.M. Lozinskaya*) *Modeling of Mortgage Borrowers Behavior*	2012-2014
JOURNAL ARTICLES	Heterogeneity in Demand for Performances and Seats in the Theatre, *Journal of Revenue and Pricing Management*, 2018, Vol. 17, No. 3, p. 131-145. (with *A. Ozhegova*)	
	Heterogeneity of Sellers in Housing Market: Difference in Pricing Strategies, *Journal of Housing Economics*, 2017, Vol. 37, p. 42-51. (with *A. Sidorovykh*)	
	Heterogeneous Preferences of Russian Residential Mortgage Borrowers, *Journal of European Real Estate Research*, 2017, Vol. 10, No. 1, p. 35-56.	
	Recovery of the Consumer Multiattributive Utility Maximization Problem, *Revista Investigacion Operational*, 2013, No. 34(3), p. 259-265.	
	The Lagged Structure of Dynamic Demand Function for Mortgage Loans in Russia, *EJournal of Corporate Finance*, 2013, No. 3 (27), p. 37-49. (with *A. Lozinskaia*)	

CONFERENCE PAPERS	Methods of Machine Learning for Censored Demand Prediction, In:*Machine Learning, Optimization, and Big Data. LOD 2018. Lecture Notes in Computer Science*, Ed. by Nicosia G., Pardalos P., Giuffrida G., Umeton R., Springer, Cham (with *D. Teterina*) (*forthcoming*)
	Bagging Prediction for Censored Data: Application for Theatre Demand, in: *Analysis of Images, Social Networks and Texts. 6th International Conference, 2017, Lecture Notes in Computer Science*, Revised Selected Papers, Ed. by W. M. van der Aalst, D. I. Ignatov, M. Khachay, S. Kuznetsov, V. Lempitsky, I. A. Lomazova, A. Napoli, A. Panchenko, P. M. Pardalos, A. V. Savchenko, S. Wasserman. Vol. 10716. Cham: Springer, 2018, Ch. 18. p. 197-209. (with *A. Ozhegova*)
	Modelling Demand for Mortgage Loans Using Loan-level Data, in: *Financial Econometrics and Empirical Market Microstructure*, Ed. by S. Ivliev, A. K. Bera, F. Lillo. NY : Springer, 2015, p. 241-248.
PUBLICATIONS IN RUSSIAN	Estimation of Demand Function for Theatrical Productions: an Empirical Analysis, *Zhurnal Novoi Ekonomicheskoi Associacii*, 2018, Vol. 1, No. 37, p. 87-110. (with *A. Ozhegova*)
	On the Dependence between Real Estate Value and School Quality, *Applied Econometrics*, 2017, Vol. 47, p. 28-48. (with *N. Kosolapov, Y. Pozolotina*)
	Estimating the Demand Function for Differentiated Product with Endogenous Characteristics and Heterogeneity of Preferences: the Case of Mortgage Loans, *Applied Econometrics*, 2017, 45(1), p. 93-115
	Demand on Electricity and Weather Conditions: Nonparametric Analysis, *Applied Econometrics*, 2017, Vol. 46, No. 2, p. 55-73. (with *E. Popova*)
	Effect of Parliament Quality on Regional Socio-Economic Policy: an Empirical Analysis, *Perm State University Herald, Series: Political Sciences*, 2016, No. 2, p. 61-81. (with *E. Mitrokhina*)
	On Various Approaches for Identification of Theatregoers' Preferences, *Ekonomicheskii Analiz: Teoriya i Praktika*, 2016, 457(10), p. 168-183. (with *A. Ozhegova*)
	Methods of Credit Loss Estimation on Residential Mortgage Market, *Ekonomicheskii Zhurnal Vysshei Shkoly Ekonomiki*, 2016, 20(1), p. 9-51. (with *A. Lozinskaya, A. Karminsky*)
	Identification in a Class of Nonparametric Simultaneous Equations Models with Sample Selection, *Quantile*, 2015, No. 13, p. 15-23.
	Estimation of Credit Risk on Residential Mortgage Market, *Applied Econometrics*, 2014. No. 35 (3), p. 3-17. (with *A. Lozinskaya*)
	Testing the Optimality of Corporate Profit Taxation Control Policy (the Case of Perm Region), *Ars Administrandi*, 2012, 3, p. 55-70.
WORKING PAPERS	Segmentation of Theatre Audiences: a Latent Class Approach for Combined Data, *NRU HSE WP Series*, WP 198/EC/2018. (with *A. Ozhegova*) (submitted to *Quantitative Marketing and Economics*)
	Regression Tree Model for Analysis of Demand with Heterogeneity and Censorship, *NRU HSE WP Series*, WP 174/EC/2017. (with *A. Ozhegova*) (on R&R in *Journal of Forecasting*)
	Key Determinants of Demand, Credit Underwriting, and Performance of Government-insured Mortgage Loans in Russia, *EERC WP Series*, 2016, 16/03E. (with *A. Lozinskaya*)

SELECTED TALKS	2nd Conference on the Economics of Leisure, Culture and Sport
	Gijon, Spain, October 2018 (Segmentation of Theatre Audience)

2nd Conference on the Economics of Leisure, Culture and Sport
Gijon, Spain, October 2018 (Segmentation of Theatre Audience)

1th International Conference on Analytics in Management and Economics
Saint-Petersburg, Russia, September 2018 (Machine Learning Methods for Censored Data)

6th International Conference on Applied Research in Economics
Perm, Russia, September 2018 (Machine Learning Methods for Censored Data)

4th International Conference on Machine Learning, Optimization, and Data Science
Volterra, Italy, September 2018 (Machine Learning Methods for Censored Data)

20th April Scientific Conference on Economic and Social Development
Moscow, Russia, April 2018 (Segmentation of Theatre Audience)

6th International Conference on Analysis of Images, Social Networks and Texts
Moscow, Russia, July 2017 (Prediction of Theatre Demand)

6th International Conference on Industrial Organization and Spatial Economics
Saint-Petersburg, Russia, June 2017 (Heterogeneity of Real Estate Sellers)

19th International April Scientific Conference on Economic and Social Development
Moscow, Russia, April 2017 (Heterogeneity of Real Estate Sellers)

3rd Russia Economic Congress
Moscow, Russia, December 2016 (Heterogeneity of Real Estate Sellers)

19th International Conference on Cultural Economics
Modern Econometric Tools and Applications
Nizhniy Novgorod, Russia, September 2016 (Heterogeneity of Real Estate Sellers)

Valladolid, Spain, June 2016 (Demand for Sequel Movies)

International Conference on Applied Research in Economics
Perm, Russia, September 2015 (Demand for Mortgages)

Modern Econometric Tools and Applications
Nizhniy Novgorod, Russia, September 2014 (Nonparametric Simultaneous Equations)

AREUEA-ASSA Conference, Doctoral Session
Boston, Massachusetts, USA, January 2015 (Demand for Mortgages)

International Association for Applied Econometrics Annual Conference
London, UK, June 2014 (Nonparametric Simultaneous Equations)

XV April International Academic Conference on Economic and Social Development
Moscow, Russia, April 2014 (Nonparametric Simultaneous Equation)

International Conference on Applied Research in Economics
Perm, Russia, September 2013 (Demand for Mortgages)

American Real Estate and Urban Economics Association International Conference
Jerusalem, Israel, June 2013 (Demand for Mortgages)

Prague Conference on Political Economy
Prague, Czech Republic, October 2012 (Optimal Taxation)

21th International Conference on Multicriteria Decision Making
Jyvaskyla, Finland, June 2011 (Multiattributive Utility)

Challenges for the Analysis of the Economy, the Business, and Social Progress
Szeged, Hungary, November 2009 (Multiattributive Utility)

SHORT COURSES TAUGHT	**Econometrics and Data Analysis for Social Sciences**	
	Additional training for HSE-Perm departments of Humanities, Management and Foreign Languages in March-April 2018	

Econometrics and Data Analysis for Social Sciences
Additional training for HSE-Perm departments of Humanities, Management and Foreign Languages in March-April 2018

Empirics of Consumer Behavior
Additional training for HSE-Saint-Petersburg Department of Economics and International Game Theory Lab in December 2017

Customer Analytics Summer Camp (Summer School)
Lectures on emprical methods for consumer studies in July 2017 and July 2018

ADDITIONAL TRAINING		
Optimization and Operations Research *Ecole Polytechnique Federale de Lausanne*, Zinal, Switzerland	2019
Econometrics of Big Data *Global School in Empirical Research Methods*, Ljubljana, Slovenia	2017
Applied Network Analysis: Theory and Applications *Higher School of Economics*, Moscow, Russia	2017
Infographics *Higher School of Economics*, Moscow, Russia	2015
Empirics of Competition and Collusion *The New Economic School*, Moscow, Russia	2014
Barcelona Microeconometrics Summer School: Econometrics of Cross-section Data with Applications *Barcelona Graduate School of Economics*, Barcelona, Spain	2013
Barcelona Microeconometrics Summer School: Linear Panel Data Analysis *Barcelona Graduate School of Economics*, Barcelona, Spain	2013
Contract Theory *The New Economic School*, Moscow, Russia	2012
Barcelona Microeconometrics Summer School: Dynamic and Nonlinear Panel Data Models *Barcelona Graduate School of Economics*, Barcelona, Spain	2012
Empirical Applications for Industrial Organization: Academic Skills *The New Economic School*, Moscow, Russia	2012
Empirical Applications for Industrial Organization: Cost Function and Production Function Estimation *The New Economic Schools*, Moscow, Russia	2012
Empirical Economic Analysis in Stata *Higher School of Economics*, Moscow, Russia	2012
Empirical Applications for Industrial Organization: Demand Function Estimation *The New Economic School*, Moscow, Russia	2011
Game Theory *The New Economic School*, Moscow Russia	2010
Summer School in European Business Culture *Euromed-Management*, Marseille, France	2008

EDUCATIONAL SERVICES	**Business Analytics and Applied Economics** *Elaboration and supervision of a specialization at B.Sc. in Economics program in 2016 - 2018*

OTHER SERVICES	**National Students Competition on Game Theory** *Member of Organizing Committee in 2017, 2019* **"Challenges of Big Data Era" Workshop in HSE-Perm** *Head of Organizing Committee in 2018*

MEMBERSHIPS	**Association for Cultural Economics International** *Ordinary member*	From 2016
	American Real Estate and Urban Economics Association *Ordinary member*	From 2014
	International Association for Applied Econometrics *Ordinary member*	From 2014

JOURNAL REVIEWS	European Journal of Marketing Applied Econometrics

PROFESSIONAL ARTICLES	Machine Learning to Uncover Differences in Willingness-to-Pay for Theatre Tickets In: *economiststalkart.org*

RESEARCH HONORS	**Journal of European Real Estate Research** *Best Commended Paper*	2017

COMPETITIONS	**Econometric Game**, Amsterdam, Netherlands *Captain of Higher School of Economics team*	2014

LANGUAGES	**Russian** (*Native*) **English** (*Fluent*) (BEC Vantage Certificate, 2011) **German** (*Elementary*)

REFERENCES	**Grigory Kosenok**, Ph.D., The New Economic School +7 (495) 956-95-08, gkosenok (at) nes.ru **Dmitriy Potapov**, Ph.D., Higher School of Economics - Perm +7 (342) 205-52-34, dbpotapov (at) hse.ru **Mark J. Levin**, D.Sc., Higher School of Economics +7 (495) 772-95-90, mlevin (at) hse.ru **Sergey Kokovin**, Ph.D, Higher School of Economics - Saint-Petersburg +7 (812) 644-59-11, skokovin (at) hse.ru