
CONTACT INFORMATION	Vrije Universiteit Amsterdam Department of Econometrics and Operational Research De Boelelaan 1105 1081HV Amsterdam	E-mail: a.borowska@vu.nl Website: aborowska.github.io Mobile: +31 6 16 028 686
RESEARCH INTERESTS	Bayesian Methods, Time Series Analysis, Sequential Monte Carlo, Simulation Techniques, Rare Events Estimation	
EDUCATION	VU Amsterdam , The Netherlands, Sep. 2015 – Summer 2018 (expected) Ph.D. in Econometrics, Supervisors: Prof. Siem Jan Koopman and Dr Lennart. Hoogerheide	
	University of Edinburgh , UK, Apr. 2017 – Jun. 2017 Postgraduate Research Visit at the School of Mathematics, Host Supervisor: Prof. Ruth King	
	Tinbergen Institute and VU Amsterdam , The Netherlands Sep. 2013 – Aug. 2015 M.Phil., <i>major</i> : Econometrics, <i>minor</i> : Macroeconomics	
	University of Warsaw , Poland Oct. 2009 – Sep. 2013 Faculty of Mathematics, Informatics and Mechanics B.Sc. in Mathematics, <i>minor</i> : Probability Theory	
	University of Göttingen , Germany Sep. 2010 – Feb. 2011 Faculty of Economics and Business Administration M.Sc. programme, exchange within the Erasmus Programme	
	Warsaw School of Economics , Poland Oct. 2009 – Jan. 2012 M.Sc. in Economics, <i>major</i> : Macroeconomic Analysis	
	Warsaw School of Economics , Poland Oct. 2006 – Jul. 2009 B.Sc. in Economics, <i>major</i> : Macroeconomic Analysis, <i>minor</i> : Computational and Optimisation Methods in Decision Making	
UNDER REVISION	<i>Time-varying Combinations of Bayesian Dynamic Models and Equity Momentum Strategies</i> , with Nalan Baştürk, Stefano Grassi, Lennart Hoogerheide and Herman K. van Dijk, revision for <i>Journal of Econometrics</i> <i>Bayesian Dynamic Modeling of High-Frequency Integer Price Changes</i> , with István Barra, Lennart Hoogerheide and Siem Jan Koopman, revision for <i>Journal of Financial Econometrics</i>	
ONGOING RESEARCH	<i>Bayesian Risk Evaluation for Long Horizons</i> , Job Market Paper available at https://aborowska.github.io/research/ <i>Semi-Complete Data Augmentation</i> , with Ruth King <i>Partially Censored Posterior</i> , with Lennart Hoogerheide and Siem Jan Koopman available at https://aborowska.github.io/research/ <i>Bayesian Risk Evaluation for State-Space Models</i> , with Lennart Hoogerheide and Siem Jan Koopman	

CONFERENCE AND SEMINAR PRESENTATIONS	10th International Conference of the ERCIM WG on Computational and Methodological Statistics , London, UK	16– 18 Dec. 2017
	8th European Seminar on Bayesian Econometrics , Maastricht, The Netherlands	26– 27 Oct. 2017
	Sequential Monte Carlo Workshop 2017 , Uppsala, Sweden	30 Aug. – 1 Sep. 2017
	1st International Conference on Econometrics and Statistics , Hong Kong	15–17 Jun. 2017
	Statistics Seminar Series of the School of Mathematics , Edinburgh, UK	19 May 2017
	10th International Conference on Computational and Financial Econometrics , Seville, Spain	9–11 Dec. 2016
	3rd Bayesian Young Statisticians Meeting , Florence, Italy	20–21 Jun. 2016
	11th Netherlands Econometric Study Group Meeting , Leuven, Belgium	17–18 Jun. 2016
	TI Ph.D. Lunch Seminar , Amsterdam, The Netherlands	24 May 2016
	Econometrics Brown Bag Seminar , Amsterdam, The Netherlands	21 Jan. 2016
TEACHING EXPERIENCE	VU Amsterdam , the Netherlands	
	<i>Econometrics II</i> (B.Sc. course)	Feb. – Mar. 2017
	Teaching Assistant of Lennart Hoogerheide	
	<i>Business Mathematics</i> (B.Sc. course, evaluation: 3.8/5)	Sep. – Oct. 2016
	<i>Business Statistics</i> (B.Sc. course, evaluation: 4.1/5)	Feb. – Mar. 2016
	Tinbergen Institute , Amsterdam, the Netherlands	
<i>Advanced Econometrics II</i> (M.Phil. course, evaluation: 4.1/5)	Jan. – Feb. 2015	
Teaching Assistant of Kees Jan van Garderen		
<i>Measure Theory and Stochastic Processes</i> (M.Phil. course, evaluation: 4.2/5)	Sep. – Oct. 2014	
Teaching Assistant of Peter J. C. Spreij		
PROFESSIONAL AND RESEARCH EXPERIENCE	University of Warsaw , Poland	
	<i>Researcher</i>	Feb. 2012 – Sep. 2014
	Pension system reform modelling within the OLG framework under time inconsistency; welfare analysis of various fiscal closures; numerical model solving in Fortran; paper writing and editing.	
	Civil Development Forum , Warsaw, Poland	
<i>Internship in the Analytical Department</i>	Jul. 2010	
Analysis of the privatisation process in Poland; comparison of fiscal policy rules in selected EU countries; development of a database on fiscal stability reforms in the EU.		
National Bank of Poland , Warsaw, Poland		
<i>Internship in the Economics Institute, Monetary Policy Strategy Bureau</i>	Aug. 2009	
Comparison and evaluation of the communication tools and institutional solutions implemented in selected central banks worldwide.		
ADDITIONAL COURSES AND TRAININGS	Workshop on Machine Learning Models and Methods for Econometricians	
	Maastricht, The Netherlands	Oct. 2017
	Gaussian Processes, Distributed and Subsampling MCMC, Variational Bayes, Deep Learning	
	Intensive PhD level course on Sequential Monte Carlo Methods	
	Uppsala University, Sweden	Aug. 2017
	Particle Markov Chain Monte Carlo, High-dimensional filtering, SMC for probabilistic graphical models and probabilistic programming	
	Reading Group on Bayesian Nonparametrics	
University of Edinburgh, UK	May – Jun. 2017	
Introduction to Dirichlet process and their mixtures, Bayesian nonparametric regression		
Course on High Performance Computing		
VU Amsterdam, The Netherlands	Oct. 2016	
Basics of Unix and cluster computing, Hadoop and data analytics, GPU programming, HPC cloud		
Summer School in Applied Macroeconomics		
University of Salento, Lecce, Italy	Jul. 2012	
Programming in Matlab, VAR for monetary policy, state space models and the Kalman Filter		

SCHOLARSHIPS	<p>SMC2017 scholarship to attend the workshop and the intensive course SMC2017 organizing committee, 15,000 SEK. Aug. 2017</p> <p>Tinbergen Institute merit-based scholarship Tinbergen Institute, full scholarship, first and second year, 30,000 EUR Sep. 2013 – Aug. 2015</p> <p>Student Exchange Scholarship Warsaw School of Economics, the LLP Erasmus Sep. 2010 – Feb. 2011</p> <p>Scholarship for excellent academic achievements Warsaw School of Economics Oct. 2007 – Sep. 2010</p>
COMPUTER SKILLS	<p>Strong experience in MATLAB, Fortran, R</p> <p>Experience with Python, C, PHP, Visual Basic, SQL, BUGS/JAGS</p> <p>Familiarity with EViews, Stata, SPSS</p> <p>Other: L^AT_EX, Linux, GitHub, SVN</p>
FOREIGN LANGUAGES	<p>Polish (native), English (fluent), German (advanced), Russian (intermediate), French (basic), Dutch (basic)</p>
REFEREES	<p>Prof. Siem Jan Koopman The Department of Econometrics Vrije Universiteit Amsterdam, e-mail: s.j.koopman@vu.nl</p> <p>Dr Lennart Hoogerheide The Department of Econometrics Vrije Universiteit Amsterdam, e-mail: l.f.hoogerheide@vu.nl</p> <p>Prof. Ruth King The School of Mathematics, The University of Edinburgh, e-mail: ruth.king@ed.ac.uk</p> <p>Prof. Herman K. van Dijk Econometric Institute, Erasmus University Rotterdam, e-mail: hkvandijk@ese.eur.nl</p>