



Serguei Kaniovski

☎ (+43) 17982601231

✉ **Email address:** serguei.kaniovski@wifo.ac.at

🌐 **Website:** https://www.wifo.ac.at/serguei_kaniovski

📍 **Address :** Arsenal, Objekt 20, 1030 Vienna (Austria)

WORK EXPERIENCE

Senior Economist

Austrian Institute of Economic Research (WIFO) [2001 – Current]

Address: Vienna (Austria)

Economic modelling and policy simulations

External lecturer

University of Vienna [2010 – 2013]

Address: Vienna (Austria)

Introductory microeconomics

External lecturer

University of Innsbruck [2008 – 2009]

Address: Innsbruck (Austria)

Applied economic theory: Macroeconomic policy

Research assistant

Austrian Institute of Economic Research (WIFO), Austrian National Bank (OeNB) [1997 – 2000]

Macroeconomics

EDUCATION AND TRAINING

Habilitation

University of Innsbruck [2009]

Address: Innsbruck (Austria)

Economic theory

Doctoral degree

University of Vienna [2002 – 2003]

Address: Vienna (Austria)

Economic theory and operations research

Master degree

University of Vienna [1994 – 2000]

Address: Vienna

Economics

LANGUAGE SKILLS

Mother tongue(s):

Russian

German

LISTENING: C2 READING: C2 UNDERSTANDING: C2

SPOKEN PRODUCTION: C2

SPOKEN INTERACTION: C2

English

LISTENING: C2 READING: C2 UNDERSTANDING: C2

SPOKEN PRODUCTION: C2

SPOKEN INTERACTION: C2

French

LISTENING: B1 READING: B1 UNDERSTANDING: B1

SPOKEN PRODUCTION: B1 SPOKEN INTERACTION: B1

PUBLICATIONS

Macroeconomics

Hözl, W., Kaniovski, S., Kaniovski, Y., "Exploring the Dynamics of Business Survey Data Using Markov Models", *Computational Management Science*, 2019, 16(4), p. 621-649.

Aseev, S., Besov, K., Kaniovski, S., "Optimal Policies in the Dasgupta—Heal—Solow—Stiglitz Model under Nonconstant Returns to Scale", *Proceedings of the Steklov Institute of Mathematics*, 2019, 304(1), p. 74-109.

Boreiko, D., Kaniovski, S., Kaniovski, Y., Pflug, G., "Identification of Hidden Markov Chains Governing Dependent Credit-Rating Migrations", *Communications in Statistics - Theory and Methods*, 2019, 48(1), p. 75-87.

Boreiko, D., Kaniovski, S., Kaniovski, Y., Pflug, G., "Business Cycles and Conditional Credit-Rating Migration Matrices", *Quarterly Journal of Finance*, 2018, 8(4), p. 1840005/1-19.

Boreiko, D., Kaniovski, S., Kaniovski, Y., Pflug, G., "Traces of Business Cycles in Credit-Rating Migrations", *PLoS ONE*, 12(4), 2017.

Glocker, Ch., Kaniovski, S., "A Financial Market Stress Indicator for Austria", *Empirica*, 2014, 41(3), pp. 481-504.

Gaggl, P., Kaniovski, S., Prettnner, K., Url, Th., "The Short and Long-run Interdependencies Between the Eurozone and the U.S.A.", *Empirica*, 2009, 36(2), pp. 209-227.

Hözl, W., Kaniovski, S., Reinstaller, A., "The Exposure of Technology and Knowledge Intense Sectors to the Business Cycle", *Bulletin of Applied Economics*, 2015, 2(1), pp. 1-19.

Baumgartner, J., Hofer, H., Kaniovski, S., Schuh, U., Url, Th., "Employment and Growth in an Aging Society: A Simulation Study for Austria", *Empirica*, 2006, 33(1), pp. 19-33.

Industrial and Environmental Economics

- Meyer, I., Kaniovski, S., Scheffran, J., "Scenarios for Regional Passenger Car Fleets and their CO2 Emissions", *Energy Policy*, 2012, 41, pp. 66-74.
- Kaniovski, S., Peneder, M., Smeral, E., "Determinants of Firm Survival in the Austrian Accommodation Sector", *Tourism Economics*, 2008, 14(3), pp. 527-543.
- Kaniovski, S., Peneder, M., "Determinants of Firm Survival: A Duration Analysis Using the Generalized Gamma Distribution", *Empirica*, 2008, 35(1), pp. 41-58.
- Kaniovski, S., "Product Differentiation and Competitive Selection", *Journal of Evolutionary Economics*, 2005, 15(5), pp. 567-580.
- Peneder, M., Kaniovski, S., Dachs, B., "What Follows Tertiarisation? Structural Change and the Role of Knowledge Based Services", *Service Industries Journal*, 2003, 23(2), pp. 47-66.
- Kaniovski, S., Peneder, M., "On the Structural Dimension of Competitive Strategy", *Industrial and Corporate Change*, 2002, 11(3), pp. 557-579.

Decision Theory and Public Choice 1

- Zaigraev, A., Kaniovski, S., "Majority Threshold and the Inversion Probability in the Case of Three States", *Operations Research Letters*, 2020, in print.
- Kaniovski, S., "Turnout: Why do voters vote?", in Congleton, R., Grofman, B., Voigt, S., eds. *Oxford Handbook of Public Choice*, Oxford University Press, 2019, Vol. 1, Ch. 15.
- Hosli, M., Plechanovová, B., Kaniovski, S., "Vote Probabilities, Thresholds and Actor Preferences: Decision Capacity and the Council of the European Union", *Homo Oeconomicus*, 2018, 35(1-2), pp. 31-52.
- Kaniovski, S., Zaigraev, A., "The Probability of Majority Inversion in a Two-stage Voting Systems with Three States", *Theory and Decision*, 2018, 84(4), pp. 525-546.
- Kaniovski, S., Kurz, S., "Representation-Compatible Power Indices", *Annals of Operations Research*, 2018, 264(1), pp. 235-265.
- Kaniovski, S., Kurz, S., "The Average Representation - A Cornucopia of Power Indices?", *Homo Oeconomicus*, 2015, 32(2), pp. 169-182.
- Kaniovski, S., Das, S., "Measuring Voting Power in Games with Correlated Votes Using Bahadur's Parametrisation", *Social Choice and Welfare*, 2015, 44(2), pp. 349-367.
- Freixas, J., Kaniovski, S., "The Minimum Sum Representation as an Index of Voting Power", *European Journal of Operational Research*, 2014, 233(3), pp. 739-748.
- Zaigraev, A., Kaniovski, S., "A Note on the Probability of at Least K Successes in N Correlated Binary Trials", *Operations Research Letters*, 2013, 41(1), pp. 116-120.

Decision Theory and Public Choice 2

- Zaigraev, A., Kaniovski, S., "Bounds on the Competence of a Homogeneous Jury", *Theory and Decision*, 2012, 72(1), pp. 89-112.
- Hosli, M. O., Moody, R., O'Donovan, B., Kaniovski, S., Little, A. C. H., "Squaring the Circle? Collective and Distributive Effects of United Nations Security Council Reform", *The Review of International Organizations*, 2011, 6(2), pp. 163-187.
- Kaniovski, S., Zaigraev, A., "Optimal Jury Design For Homogeneous Juries With Correlated Votes", *Theory and Decision*, 2011, 71(4), pp. 439-459.
- Kaniovski, S., "A Test of the Marginalist Defense of the Rational Voter Hypothesis Using Quantile Regression", *Homo Oeconomicus*, 2011, 28(1-2), pp. 71-89.
- Kaniovski, S., Mueller, D. C., "How Representative is the European Union Parliament?", *European Journal of Political Economy*, 2011, 27(1), pp. 61-74.
- Kaniovski, S., "Aggregation of Correlated Votes and Condorcet's Jury Theorem", *Theory and Decision*, 2010, 69(3), pp. 453-468.
- Zaigraev, A., Kaniovski, S., "Exact Bounds on the Probability of at least k Successes in n Exchangeable Bernoulli Trials as a Function of Correlation Coefficients", *Statistics & Probability Letters*, 2010, 80(13-14), pp. 1079-1084.
- Kaniovski, S., "An Invariance Result for Homogeneous Juries with Correlated Votes", *Mathematical Social Sciences*, 2009, 57(2), pp. 213-222.
- Kaniovski, S., Leech, D., "A Behavioral Power Index", *Public Choice*, 2009, 141(1), pp. 17-29.
- Kaniovski, S., "Straffin Meets Condorcet. What Can a Voting Power Theorist Learn from a Jury Theorist?", *Homo Oeconomicus*, 2008, 25(2), pp. 181-202.
- Kaniovski, S., "The Exact Bias of the Banzhaf Measure of Power when Votes are Neither Equiprobable Nor Independent", *Social Choice and Welfare*, 2008, 31(2), pp. 281-300.
- Kaniovski, S., Mueller, D. C., "Community Size, Heterogeneity and Voter Turnouts", *Public Choice*, 2006, 129(3), pp. 399-415.

DRIVING LICENCE

Driving Licence: **B**

ORGANISATIONAL SKILLS

Organisational skills

Associate Editor of *Theory and Decision* (Springer)