

# GREGORY CHERNOV

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github.com/gregory-ch

## EDUCATION

Ph.D. in Economics.

Thesis Title: [Models of learning in economic experiments \(eng\)](#)

**Higher school of economics (HSE)**

2016 Nov - 2022 Oct

Moscow, Russia

M.Sc. Financial management; B.Sc. Management

**Novosibirsk state university (NSU)**

2014–2016; 2010–2014

Novosibirsk, Russia

## RESEARCH

Guest researcher

[University of Tuebingen, Department of Computer Science](#)

2022 – 2023

Tubingen, Germany

Guest researcher

[University Jena, Department of empirical and experimental economic research](#)

2020 Oct – 2021 Sep

Jena, Germany

Research Assistant

[HSE laboratory research for experimental and behavioural economics](#)

2016 – 2022

Moscow, Russia

Guest researcher

[University Heidelberg, Alfred-Weber institute, Economic Theory II](#)

2018 Dec – 2019 Mar

Heidelberg, Germany

Intern

[NSU laboratory epistemology and ontology of rationality](#)

2016 Feb – 2016 Jul

Novosibirsk, Russia

## PUBLICATIONS AND PROJECTS

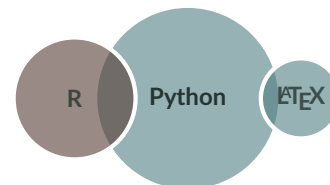
- Conference paper* Chernov G., Rydich P., Ladonovskaya K., Belianin A. 2022, October. Dynamic estimation of risk preferences: behavioural and neuroeconomic study. In 2022 International Conference on Biomedical Engineering and Computational Technologies (SIBIRCON). IEEE.
- Under revision* Chernov G. The alternative factors leading to replication crisis: prediction and evaluation.
- Under revision* Chernov G., Maghsudi S., Susin I. Directional Learning in continuous action spaces
- Work in progress* Belianin A., Chernov G., Hennig-Schmidt H., Kuznetsova O., Ryzhkova M., Walkowitz G. Centralism and Local Connectedness Shape Social Preferences in Inter-regional Bargaining – Evidence from Russia
- Work in progress* Chernov G., Sofianos A., Susin I. Recognition Complexity in repeated games
- Work in progress* Chernov G., Susin I., Neither Reinforcement nor Belief Learning in Repeated Bimatrix Asymmetric Interactions

## LANGUAGES AND SKILLS

**Languages**

- Russian (native)
- English (professional)
- German (elementary)

**Programming**



**Software**

MS Office | oTree (Django) | Git |  
Photoshop & CorelDraw | NetLogo

## ADMINISTRATION

- [International natural sciences tournament](#), executive director, 2016
- Co-founder of non-profit organization «Grani obrazovania» for student competitions and educational events 2016 – 2021
- [Summer School 'Experimental Economics: Purposes, Design, Tools'2019](#), 2019 St.Petersburg

## AWARDS AND FELLOWSHIPS

DAAD Short-Term Grants, Jena, Germany, 2020–2021

HSE founded scholarship for doctoral students, 2016–2019

DAAD Short-Term Grants, Heidelberg, Germany, 2018–2019

Vladimir Potanin foundation scholarship, 2016

## INTERESTS

Experimental economics  
Interventional causal discovery  
Bounded rationality  
Learning in games  
Applied decision making  
Data visualization

- *Preprint* Susin I., Chernov G., Cheparuhin S. Evaluation of Econometric Models of Adaptive Learning by Predictive Measures / SSRN. Series "Working Papers". 2020. [doi](#)
- *Article* Chernov G. How to Learn to Defeat Noisy Robot in Rock-Paper-Scissors Game: An Exploratory Study // HSE Economic Journal. 2020. Vol. 24. No. 4. P. 503-538. [doi](#)
- *Book Review* Chernov G. Book Review Keith Stanovich, Richard West, and Maggie E. Toplak: The rationality quotient: toward a test of rational thinking // Journal of Behavioral Economics for Policy. 2017. Vol. 1. No. 1. P. 81-82. [RePEc](#)
- *Article* Chernov G., Susin I. Models of learning in games: an overview // Zhurnal Novoi Ekonomicheskoi Associacii. 2019. Vol. 44, P.77. [doi](#) [RUS]

## TEACHING EXPERIENCE

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- Behavioral and Experimental Economics, guest lecturer (bachelor, HSE)
- Student Term / Thesis Papers (bachelor; master, HSE / NSU)
- Microeconomics for finance, lecturer assistant (bachelor, HSE)
- Risk management, lecturer assistant (bachelor, NSU)
- Project management, practices course coach (bachelor, NSU)
- ICEF evening school, lecturer (high school students)

## DEVELOPED SOFTWARE

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A python version of R package for computing asymmetric Shapley values to assess causality in any trained machine learning model

## FUNDING

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*Within the group* [Institutions and preferences in economic behavior](#)" under the "Mirror Laboratories" project (2020-2022)

*Within the group* HSE research project: [Cooperation, competition and expectations in long-distance experiments within and between Russian regions](#)

*Within the group* Russian Science Foundation research project "FMRT study of economic decisions under conditions of exogenous risk" [22-28-02006](#)

*Within the group* Russian Science Foundation research project "Psychological factors of Russia's economic and social competitiveness" [17-78-30035](#)