

## **JAGELKA Tomáš**

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### **University of Bonn Institute for Applied Microeconomics**

#### **Current Positions:**

Postdoctoral Fellow, University of Bonn, Institute for Applied Microeconomics, July 2019 – present  
External Postdoctoral Researcher, CEHD, University of Chicago, July 2019 – present  
Member, ECONtribute Cluster of Excellence, May 2020 – present  
Research Affiliate, IZA, May 2020 – present  
Affiliate, CREST-ENSAE, January 2021 – present

#### **Education:**

Ph.D., Economics, École Polytechnique, Université Paris-Saclay, *commendations of the jury*, 2019  
M.A., Economics and Public Policy, École Polytechnique joint with Sciences Po and ENSAE, *cum laude*, 2015  
B.A. in Economics and Public Policy, Dartmouth College, High Honors in Economics, *magna cum laude*, Phi Beta Kappa, 2011  
Visiting Student in Economics, Keble College, University of Oxford, 2010

#### **Dissertation:**

Thesis Title: “*Preferences, Ability, and Personality: Understanding Decision-making Under Risk and Delay*”

PhD Supervisor: Christian Belzil (École Polytechnique)

External Advisors: John Rust (Georgetown University), Douglas Staiger (Dartmouth College)

#### **Teaching and Research Fields:**

Primary fields: Applied Microeconomics, Mathematical and Quantitative Economics  
Secondary fields: Structural Behavioral Economics, Empirical Industrial Organization

#### **Awards, Scholarships, and Fellowships:**

December 2020	Slovak Economic Association's Annual Award for Young Economists
May 2020	Annual prize of the French Economic Association for the best PhD in economics written in France
December 2019	“Prix d’honneur” for finalists of the prize for the best PhD prepared at Université Paris-Saclay in the domain economics/management
June 2019	Best paper presented by a graduate student, International Association for Applied Econometrics 2019
2015-2018	GENES Doctoral Scholarship
2014-2015	Dartmouth General – Colby Fellowship
2007-2011	Davis UWC Scholarship
2009-2010	James O. Freedman Presidential Scholar
2009-2010	Rufus Choate Scholar
2008	First Year Fellow of the Rockefeller Center
2007-2008	Parisian-Hess Scholarship
2007	Extended Essay “ <i>How Did the Tax Reform in Slovakia Affect Its Growth and Development</i> ” selected as one of three examples of an outstanding Extended Essay in economics by the IBO organization

**Teaching Experience:**

2019-2020	<i>Bachelor Seminar: Academic Writing</i> , University of Bonn, Co-Instructor with Andreas Pondorfer
2019-2020	<i>Behavioral Economics and Experiments</i> , University of Chicago, Co-Instructor with James J. Heckman
2018-2019	<i>Contemporary Economic Problems</i> , Université Paris-Sud, teaching fellow for Professor Miren Lafourcade
2018-2019	<i>Microeconomics I</i> , Université Paris-Sud, teaching fellow for Professor Matthieu Manant
2016-2018	Eco 311: <i>Introduction to Economic Analysis</i> , École Polytechnique, teaching fellow for Professor Pierre Cahuc
Fall, 2017	Eco 101: <i>Introduction to Economics</i> , École Polytechnique, teaching fellow for Professors Yukio Koriyama and Jean-Baptiste Michau
Fall, 2015	Eco 511: <i>Project in Applied Economics</i> , École Polytechnique Eco 49: <i>Topics in International Economics</i> , Dartmouth College, teaching fellow for Professor Nina Pavcnik
Winter, 2011	French 1: <i>Introductory French</i> , Dartmouth College, drill instructor
Winter, 2010	Eco 21: <i>Microeconomics</i> , Dartmouth College, teaching fellow for Professor Kathleen McGarry
Fall, 2008	

**Research Experience and Other Employment:**

2019-present	External Postdoctoral Researcher, CEHD, University of Chicago
2019-present	Postdoctoral Fellow, Institute for Applied Microeconomics, University of Bonn
2019	Honorary Consultant, briq
2018-2019	ATER, Université Paris-Sud
2015-2019	Doctoral Researcher, Ecole Polytechnique
2015	Research assistant to Professor Étienne Wasmer (Sciences Po, Paris)
2014	MAPP, Economist (Paris, France)
2011-2013	Cornerstone Research, Analyst (Boston, MA)
2011	Nelson A. Rockefeller Center at Dartmouth College, Researcher (Hanover, N.H.)
2009-2010	Research assistant to Professor Andrew Samwick (Dartmouth College)
2008	Climate Institute, Research Associate (Washington, D.C.)

**Professional Activities:**

**Conference Presentations:** North American Winter Meeting of the Econometric Society (2021), Slovak Economic Association Annual Meeting (2020), Economic Science Association Global Online Around-the-Clock Meetings (2020), European Economic Association Congress (2020), Econometric Society World Congress (2020), International Association for Applied Econometrics (Nicosia, 2019), Royal Economic Society Junior Symposium (Warwick, 2019), Royal Economic Society PhD meetings (London, 2018), Annual Conference of the Slovak Economic Association (Bratislava, 2018), LIS User Conference (Luxembourg, 2017), DEFIS-CEREQ Meeting (Marseille, 2016), Carroll Round Conference (Georgetown, 2011)

**Seminars and Workshops:** CERGE-EI, University of Bonn, The University of Chicago, École Polytechnique, CREST, Dartmouth College, Economic Science Association Junior Faculty Webinar, IAREP Early Career Workshop, Ekonomická univerzita v Bratislave, INRAE Paris-Saclay

**Invited Lectures:** University of Chicago (Skills, Families, and Markets class of Professor James Heckman), University of Chicago (Social Cognitive Neuroscience Laboratory of Professor Jean Decety), Georgetown University (Behavioral Economics class of Professor John Rust), Ekonomická univerzita v Bratislave (Microeconomic Theory class of Professor Anneta Čaplánová)

Referee: Journal of Political Economy, Experimental Economics, Labour Economics, Social Choice and Welfare

**Publications:**

"[Some Contributions of Economics to the Study of Personality](#)" (joint with James J. Heckman and Timothy D. Kautz. The Handbook of Personality, 2021. (*forthcoming*))

*Abstract:* This paper synthesizes recent research in economics and psychology on the measurement and empirical importance of personality skills and preferences. They predict and cause important life outcomes such as wages, health, and longevity. Skills develop over the life cycle and can be enhanced by education, parenting, and environmental influences to different degrees at different ages. Economic analysis clarifies psychological studies by establishing that personality is measured by performance on tasks which depends on incentives and multiple skills. Identification of any single skill therefore requires isolation of confounding factors, accounting for measurement error using rich data and application of appropriate statistical techniques. Skills can be inferred not only by questionnaires and experiments but also from observed behavior. Economists advance the analysis of human differences by providing anchored measures of economic preferences and studying their links to personality and cognitive skills. Connecting the research from the two disciplines promotes understanding of the number and nature of skills and preferences required to characterize essential differences.

Jagelka, T. (2013). [Bilateral trade and the Eurozone: Evidence from new member countries](#). *The World Economy*, 36(1), 48-63.

*Abstract:* The question of whether and how much currency unions increase bilateral trade among their members has garnered much attention since Rose's seminal article. The answer is as pertinent now as ever for both the Eurozone's existing and future members as the financial crisis shook the very foundations of the European Monetary Union (EMU) and brought its shortcomings into the spotlight. This paper analyses the issue using the gravity equation with country pair and time fixed effects. For a sample of the four new members of the EMU – Slovakia, Slovenia, Malta and Cyprus – which has, to the author's knowledge, not been studied thus far due to their recent joining, and controls drawn from the European Union, this paper finds a positive relationship between joining the EMU and trade with EMU partners but not with non-EMU partners.

**Revise and Resubmit:**

"[Are Economists' Preferences Psychologists' Personality Traits?](#)" (Journal of Political Economy, R&R)

*Abstract:* This paper establishes an empirical mapping between economic preferences and psychological personality traits. I use the Random Preference Model to estimate distributions of risk and time preferences complete with their individual-level stability and people's propensity to make mistakes from unique experimental data. Using factor analysis to extract information on individuals' ability and personality, I show that their link with preferences is much stronger than previously documented. I explain up to 50% of the variation in both average preferences and in individuals' capacity to make consistent rational choices using four factors related to cognitive ability and three of the Big Five personality traits. Furthermore, the five structural parameters of my model largely dominate a wide range of demographic and socio-economic variables when it comes to explaining observed individual choices between risky lotteries and time-separated payments.

**Research Papers in Progress:**

"[Separating True Preferences from Noise and Endogenous Effort](#)" (joint with Christian Belzil)

*Abstract:* We propose a two-stage model of decision-making under risk which explicitly accounts for the fact that any observed choice is preceded by a decision on whether to exert effort. We analyze data from a representative sample of over 1,000 individuals each of whom made choices on 55 incentivized tasks of two different experimental designs for eliciting risk preferences. We demonstrate that our model can be used to evaluate the noise content of a given experimental design and to de-bias risk aversion estimates when necessary. While the two lottery designs we study were used interchangeably in the past, we estimate that a change from the more complex design to the more intuitive one results in a 30% decrease in (rational) inattention. Failure to properly account for decision errors results in estimates of risk preferences biased up to 50% compared to their true values.

*“[Do Consumer Reviews Matter? Evidence from Smartphone Sales on Amazon](#)”* (joint with Alexandre Damour, QuantCube technology)

*Abstract:* An intuitive understanding exists in both the business world and in academia that consumer reviews are influential. However, it remains unclear which aspects of reviews are effective and under what circumstances. This paper uses a unique proprietary dataset with full price, rank, and review information since 2015 on smartphones sold on five national Amazon sites. We find that a high average rating increases both prices and quantities sold. Furthermore, top reviews have a causal impact on sales even after taking the displayed review average into account.

*“[The Specificity of Human Capital Investment under Agent Heterogeneity and Market Frictions](#)”*

*Abstract:* We empirically test a model of a labor market with matching frictions, heterogeneity, and endogenous choice of human capital investment which could partly explain the large difference in the functioning of European and American labor markets. Using international data on over 20 countries from the Luxembourg Income Study (LIS) database which has thus far been largely unexplored in this literature, we find broad support for the model's findings. Notably, agents seem to prefer investing in specific rather than general skills when market frictions are high. This investment is in turn reflected in a significantly increased expected job tenure. These results are robust across countries, education levels, and controls included and should encourage further research into this so far scarcely explored territory.

**COMPUTER SKILLS AND LANGUAGES:**

Computer Skills: Matlab, STATA, SAS, VBA, Python(beginner), Microsoft Office

Languages: Fluent in Slovak, English, French, and Czech; beginner in German