# BENCE SZABÓ

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## RESEARCH INTERESTS

Demographic economics, public economics, labor economics

## PROFESSIONAL EXPERIENCE

### Bocconi University, Milan

*Research Assistant*                                                                                     01/2021–03/2022
- Database building, statistical analysis, data visualization for Prof. G. I. P. Ottaviano and Gábor Békés

*Teaching Assistant*                                                                                     09/2019–08/2021
- Econometrics 20203 course (MSc level) of Prof. Giovanni Bruno, responsible for grading exams, visiting hours for students w.r.t. cross-sectional and panel econometrics

### Budapest Bank, Budapest

*Credit Risk Modeling Analyst*                                                                          09/2017–08/2018
- Developing ICAAP risk models: PD for commercial leasing and SME portfolios, LGD for all wholesale and retail commercial portfolios
- Maintaining commercial ICAAP, IFRS models, and concentration risk simulation
- Providing generalized machine learning solutions to the modeling team

### Centre for Economic and Regional Studies, Hungarian Academy of Sciences, Budapest

*Research Assistant*                                                                                     05/2016–07/2017
                                                                                                        01/2014–08/2015
- Econometric and statistical analysis using large demographic, labor, and firm datasets (regression, network, and cluster analysis)
- Database building and research documentation

Senior researchers: Gábor Kertesi, Gábor Kézdi, Tamás Hajdu

### Institute for Economic and Enterprise Research, Budapest

*Junior Analyst*                                                                                         03/2015–08/2015
*Analyst Intern*                                                                                         10/2013–10/2014
- Economic and statistical analysis of employment and firm dynamics, database building

Senior researcher: István János Tóth

## EDUCATION

**Bocconi University, Milan** 2018–2023

*Ph.D. in Economics*

Thesis: Three Essays in Public Economics

- Tax Incentives and Completed Fertility (JMP)
- Charitable Behavior and Public Intervention
- Housing and Fertility

*Advisors*: G. I. P. Ottaviano, Joseph-Simon Görlach, Francesco C. Billari

**Central European University, Budapest** 2015–2017

*MA in Economics*, GPA: 3.9/4.0, class rank: 1/20

Thesis: Fertility Effects of the Family Tax Break Extension in Hungary

*Advisor*: Gábor Kézdi

**Eötvös Loránd University, Budapest** 2011–2014

*BA in Applied Economics*, Graduated with Honors, GPA: 5.0/5.0

Thesis: Determinants of Post-Graduation Foreign Country Employment

*Advisor*: János Köllő

## AWARDS, FELLOWSHIPS

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|---|---:|
| Budapest Institute YEP Fellowship | 2022 |
| Full Scholarship of the Economics Ph.D. Program at Bocconi University | 2018–2022 |
| Master's Thesis First Prize of the Hungarian Economic Association | 2017 |
| Peter Hangartner Fellowship | 2015–2016 |
| Best Thesis Prize of BA in Applied Economics, Eötvös Lorand University | 2014 |
| Fellowship of the Republic of Hungary | 2013–2015 |
| National Secondary School Academic Competition, History 1st prize | 2010 |

## LANGUAGES

English (advanced, C1), German (intermediate, B2), Hungarian (native)

## PROGRAMMING SKILLS

R (tidyverse), Python (pandas, numpy, scipy), PL/SQL, STATA

## WORKING PAPERS AND TALKS

- Tax Incentives and Completed Fertility (Job Market Paper), accepted at the 2023 Annual Meeting of the Population Association of America (820 - Population Politics, Population Policies, and Fertility**)**
- Presentation at the Centre for Economic and Regional Studies in Budapest, 2022.04.14. [video]
- Charitable Behavior and Public Intervention: a Survey Experiment (joint work with Francesca Leombroni)
- Housing and Fertility
- The Impact of Childcare on Maternal Employment (joint work with Judit Berei, Márton Csillag, Hanna Erős, Judit Krekó, Ágota Scharle)

## OTHER ACTIVITIES

- Referee for the Review of International Economics
- Completed the training "Bocconi Excellence in Advanced Teaching" (2019)
- Attendee of the "Efficiency in Education – concepts, techniques and results" workshop of EdEN project at Politecnico di Milano School of Management (October 17-19, 2016)
- Attendee of the "Five Day Training Course on Structural Models for Policy Evaluation and Discrete Choice Approaches" of EdEN project at Maastricht University (June 6-10, 2016)

## REFERENCES

- G. I. P. Ottaviano: Full professor at the Department of Economics at Bocconi University (gianmarco.ottaviano@unibocconi.it)
- Joseph-Simon Görlach: Assistant professor at the Department of Economics at Bocconi University (josephsimon.goerlach@unibocconi.it)
- Guido E. Tabellini: Full professor at the Department of Economics at Bocconi University (guido.tabellini@unibocconi.it)
- Francesco C. Billari: Rector, Professor of Demography in the Department of Social and Political Sciences at Bocconi University (francesco.billari@unibocconi.it)