

Curriculum Vitae

updated Augustus 2023

Name	Vardan Barsegyan
Date of birth	06 April 1990
Place of birth	Lernanist, Armenia (USSR)
Place of residence	Amsterdam, the Netherlands
Personal website	vardanbarsegyan.com
Private e-mail	barsegyanw@gmail.com
Researcher ID	Google scholar ORCID: https://orcid.org/0000-0002-4556-9415 Web of Science ID : O-3633-2016
Research Interests	political inequality, participation, political protest, political inequality, social inequality, educational inequality, twin study.
Data analysis skills	structural equation modelling, multilevel analysis, longitudinal and panel data analysis, twin data analysis, latent variable analysis, maximum likelihood inference, simulation analysis in STATA, R, Python, and Mplus.
Languages	<i>English</i> (C1-C2), <i>Dutch</i> (C1), <i>Russian</i> (native), <i>Armenian</i> (native).

Work experience

- *Scientific researcher*. Department of Internal Policy Research, The Research and Documentation Centre (WODC), Ministry of Justice and Security, The Hague, the Netherlands (2023 – now)
- *Postdoctoral researcher*. Department of Sociology, Faculty of Behavioral and Social Sciences, Utrecht University, Utrecht, The Netherlands (2019 – 2023)
- *Assistant professor*. Faculty of Social Communication, Moscow State University of Psychology & Education, Moscow, Russia (2016 – 2016)
- *Head of Department*. Department of Methodical Support of the Youth Policy, Federal Agency of Youth Affairs, Ministry of Education and Science of Russian Federation, Moscow, Russia (2013 – 2016)
- *Coordinator of youth policy*. Committee of Youth Policy of Rostov Region, Rostov-on-Don, Russia (2010 – 2012)

Education and degrees

- *MSc in Sociology and Social Research*. Research master's program "Sociology and Social Research", Utrecht University, The Netherlands (2018 – 2020)
- *PhD in Political Sciences*. PhD-program in Political Sciences, National Research University "Higher School of Economics", Moscow, Russia (2012 – 2016)
- *Specialist in Economics* (with distinction). Specialist-program in Economics, Southern Federal University, Rostov-on-Don, Russia (2007 – 2012)

Research grants and scholarships

- "From social to political inequality: the roles of genes and environment", faculty grant, Utrecht University, € 150,000 (2021 – 2023)
- "The interplay between cognitive ability and social origin in explaining educational attainment: do twins and non-twin siblings differ?", NWO grant, € 100,000 (2019 – 2021)

Teaching

2022-2023

- *Methods and Statistics 1: Regression Analysis and its Generalizations* (SaSR03), research master's program "Sociology and Social Research" (SaSR), instructor, Utrecht University
- *Policy Research and Advice*, academic master's program "Sociology: Contemporary Social Problems", instructor, Utrecht University
- *Research Practicum 1: Work-Family Issues, Organizations, and Inequality* (SaSR04), research master's program "Sociology and Social Research" (SaSR), instructor, Utrecht University

2021-2022

- *Thesis supervisor, Master's Thesis in Sociology: Contemporary Social Problems*, 4 students, Master's, Utrecht University
- *Thesis supervisor, Bachelorproject Sociologie*, 4 students, Bachelor, Utrecht University
- *Political Sociology*, I am involved in course designing and developing, Bachelor, Utrecht University

2020-2021

- *Thesis supervisor, Bachelorproject Sociologie*, 3 students, Bachelor, Utrecht University

2016-2017

- *Methods of sociological research*, Master's, Moscow State University of Psychology & Education (MSUPE)
- *Scientific-methodical seminar*, Master's, MSUPE
- *Modern youth's values*, Master's, MSUPE
- *State Youth Policy*, Bachelor, MSUPE
- *Methods of integrated research and evaluation of the situation of youth in society*, Bachelor, MSUPE
- *Regional and municipal youth policy*, Bachelor, MSUPE
- *Modern social theories*, Bachelor, MSUPE
- *Theory and practice of measuring social problems*, Bachelor, MSUPE
- *Methodological seminar* (on academic writing in Russian), Bachelor, National Research University "Higher School of Economics"

2015-2016

- *Methodological seminar* (on academic writing in Russian), Bachelor, National Research University "Higher School of Economics"

2014-2015

- *Methodological seminar* (on academic writing in Russian), Bachelor, National Research University "Higher School of Economics"

Publications

Working papers / Preprints

1. A New Index of Political Inequality (IPI): a Joint Effect of Social Characteristics on Political Participation - a Cross-National Longitudinal Study 1980-2022, [Presentation, ESRA, 2023, Milan, Italy](#). Maps: [World map](#), [Europe map](#). Project link: https://www.vardanbarsegyan.com/ipi_index/

2. Barsegyan, V., & Maas, I. (2022, October 15). "First-generation students' educational outcomes: a 9-years panel study on the role of parental educational, cultural, and economic capital". <https://doi.org/10.31235/osf.io/wt65s> (under review in *Research in Higher Education*)
3. Barsegyan V., Stienstra K., Knigge A., & Maas I. "Effects of Parental Compensation and Reinforcement on Within-Family Educational Inequality: Comparing Sibling, Non-Identical Twin and Identical Twin Samples". In progress.
4. Barsegyan V. "Writing Research Papers in the Quantitative Social Sciences – a Guide for Students and Early Career Researchers". In progress.

Peer-reviewed articles

1. Bij de Vaate D., Barsegyan V. 2023. "The effect of socioeconomic status and political opportunity structures on protest participation: a multilevel analysis of 17 European countries". *Mens & Maatschappij*: 98, no. 2 (June 1, 2023): 150–74 (in Dutch). <https://doi.org/10.5117/MEM2023.2.003.VAAT>
2. Barsegyan, V., Knigge, A., & Maas, I. 2023. Social origin and political participation: Does education compensate for or reinforce family advantages and disadvantages? *Acta Politica*. <https://doi.org/10.1057/s41269-023-00296-5>
3. Barsegyan V.M. 2019 "[Models of Career Trajectories of Heads of Russian Regions](#)". *Polis. Political studies* (4): 132-148 (in Russian)
4. Barsegyan V.M. 2018 "[Political and Research Activity of Young Political Scientist: a Zero-sum Game?](#)" *Political science* (4): 258-270 (in Russian)
5. Barsegyan V.M. 2018 "[Administrative Discourse: Structure, Volume, Practices of Production and Legitimation of Texts](#)". *Journal of Sociology and Social Anthropology* XXI(1): (in Russian) <https://doi.org/10.31119/jssa.2018.21.1.5>
6. Barsegyan V.M. 2015. "[Intergenerational Social Mobility of Young Political Activists: Level, Intensity, Factors](#)". *Journal of Sociology and Social Anthropology* XVIII(1): 179-190 (in Russian)
7. Barsegyan V.M. 2014. "Motives of Youth Political Participation – Factor Analysis." P. 71-77 in *Youth in modern society: problems and perspectives*. Moscow: Publishing House of RUDN, (in Russian)
8. Barsegyan V.M. 2014. "[Intergenerational Educational Mobility of Young Social and Political Activists in Modern Russian Society](#)." *Bulletin of Novosibirsk State University. Series: Socio-economic sciences* 14(3): 163-178 (in Russian)
9. Barsegyan V.M. 2014. "[Forms and Factors of Youth Political Activism: Classic Concepts and Modern Research](#)." (Review). *Humanitarian and socio-economic sciences* (4): 116-121 (in Russian)

10. Barsegyan V.M. 2014. "[Human Capital of Young Social and Political Activists – the Resource Approach](#)." *Bulletin of the Immanuel Kant Baltic Federal University. Series: The humanities* (12): 153-164 (in Russian)

Peer-reviewed translations

1. van der Zeeuw, Alex, Keesman, Laura D., Weenink, Don & Barsegyan, V.M. (2019). [Социологизирование с Р. Коллинзом: интервью об эмоциях, насилии, пространствах внимания и социологии](#) (Sociologiseren met R. Collins: interview over emoties, geweld, aandachtsvelden en sociologie). *Sotsiologicheskie issledovaniia* (Sociological research) (translated from Dutch to Russian) (1), (pp. 40-51).

PhD thesis

1. Barsegyan V.M. 2015 "[Political Activity of Youth as a Channel of Social Mobility in Contemporary Russian Society](#)", Moscow, Russia (in Russian)

Conferences / talks

2023

1. Barsegyan Vardan. "A New Index of Political Inequality (IPI): a Joint Effect of Social Characteristics on Political Participation - a Cross-National Longitudinal Study 1980-2022", session presentation, the European Survey Research Association (ESRA) General Conference, University of Milano-Bicocca, Milan, Italy, 17-21 July. Materials: [Presentation, ESRA, 2023, Milan, Italy](#). Maps: [World map](#), [Europe map](#). Project link: https://www.vardanbarsegyan.com/ipi_index/

2022

1. Barsegyan Vardan & Ineke Maas "Educational performance and dropout of first-generation students in Russia: the role of parental involvement and cultural capital", Poster presentation, *the European Consortium of Sociological Research (ECSR) Annual Conference*, University of Amsterdam, Amsterdam, the Netherlands, July 6-8, 2022.
2. Barsegyan Vardan & Ineke Maas "Educational performance and dropout of first-generation students in Russia: the role of parental involvement and cultural capital", Poster presentation, *RC28 Social Stratification ISA Conference*, The London School of Economics and Political Science, London, the United Kingdom, April 21-23, 2022.

2021

1. Barsegyan Vardan, Antonie Knigge, Ineke Maas "Causal or spurious effect of education, occupational status, and income on political participation? Evidence from identical twins",

Poster presentation, *the European Consortium of Sociological Research (ECSR) Annual Conference*, October 7-8, 2021 (online).

Community service

Peer-reviewer in the journals:

- Political Studies Review
- Youth & Society
- YOUNG
- Research in Social Stratification and Mobility

Membership of grant assessment committees:

- NWO grant program “Hestia - Impulse for Refugees in Science” in the round of 2022-2023 (1.2 million euro), the Netherlands.

Membership in professional associations:

- The Interuniversity Center for Social Science Theory and Methodology - ICS.
- Research committee “Political Sociology” RC18 of the International Sociological Association.
- Research committee “Social Stratification” RC28 of the International Sociological Association.
- European Consortium of Sociological Research (ECSR).
- European Survey Research Association (ESRA).

Skills / courses

Courses for researchers

2023

- *SICSS-ODISSEI Summer School on Computational Social Science*, Erasmus University Rotterdam, 19-31 June 2023, Rotterdam, the Netherlands. 5 ECTS. Skills: machine learning, administrative data analysis (CBS), Python, benchmark challenge. Link: <https://sicss.io/2023/odissei/>
- *Missing data in R*. Utrecht Winter School. Utrecht University. The Netherlands. February 1, 2023. 0.5 ECTS.

2021

- *AP/College Calculus BC*. Online course: <https://www.khanacademy.org/math/ap-calculus-bc>, January - March 2021
- *Linear algebra*. Online course: <https://www.khanacademy.org/math/linear-algebra>, April - June 2021

2020

- *Multilevel modelling*. Centre for Multilevel Modelling, University of Bristol, online course: <http://www.bristol.ac.uk/cmm/learning/online-course/>, March-June 2020
- *Genome-wide association studies (GWAS)*. Vrije Universiteit Amsterdam, November - December 2020
- *Intro to JASP & hypothesis evaluation using the Bayes Factor*. The Informative Hypotheses project group, Utrecht university, online course: <https://informative-hypotheses.sites.uu.nl/software/bain/>, November 30 and December 2, 2020
- *Probability - The Science of Uncertainty and Data*. Massachusetts Institute of Technology, online course: <https://www.edx.org/course/probability-the-science-of-uncertainty-and-data>, May - Augustus 2020
- *Math Prefresher for Political Scientists*. Self-studying, <https://projects.iq.harvard.edu/prefresher/home> and <https://iqss.github.io/prefresher/>, November 11-16, 2020

Courses for teachers

- *Course design*. The Centre for Academic Teaching and Learning, Utrecht University, Utrecht, The Netherlands (online), May 10-31, 2022
- *Supervising student research*. Faculty of Social and Behavioral Sciences, 33 hours, Certificate, Utrecht University, Utrecht, The Netherlands (online), June 2021

Research master's program "Sociology and Social Research" (SaSR), Utrecht University, Utrecht, the Netherlands, 2018-2020, Courses:

- Sociological Theory Construction and Model Building, 7.5 EC
- Family and Social Inequality, 7.5 EC
- Methods and Statistics 1: Regression Analysis and its Generalizations, 7.5 EC

- Research Practical 1: Work-family issues, organizations and inequality, 7.5 EC
- Social Networks – Theory and Empirics, 7.5 EC
- Starting with your Thesis – Literature Review, 7.5 EC
- Methods and Statistics 2: Structural Equation Modelling and Multilevel Analysis, 7.5 EC
- Research Practical 2: Social Network Analysis, 7.5 EC
- Research Seminar 1: Building a Theory, 7.5 EC
- Research Seminar 2: Analysing, Reporting and Discussing your Findings, 7.5 EC
- (Electives and Research Experience, 22.5 EC, including - see below)
- Political Representation: Elites and masses in the 21st century, 6 EC
- Behavioural Genetics (theory and analysis in R), 6 EC
- Internship, NWO-project “The interplay between cognitive ability and social origin in explaining educational attainment: do twins and non-twin siblings differ?”, 7.5 EC
- Master’s Thesis: Publishable Article, 22.5 EC

Studying abroad (5 EC)

- Mathematical Tools for Social Scientists: A Refresher Course with R, 2,5 EC, 8th GESIS Summer School in Survey Methodology, Cologne, Germany (5-9 Augustus, 2019). Funding: *Eppur si muove* student scholarship, Utrecht University, The Netherlands, 2019, €900.
- Introduction to data analysis, 2.5 EC, 8th GESIS Summer School in Survey Methodology, Cologne, Germany (12-16 Augustus, 2019)

PhD-program in Political Sciences, National Research University “Higher School of Economics”, Moscow, 2012-2015, Courses:

- History of Sociology
- Political Institutions, Processes and Technologies
- Social Stratification
- History and Philosophy of Science

Other courses

- “Dutch Culture: Society and Current Issues”, 3 ECTS, Utrecht Summer School, Utrecht University, 30 July – 10 Augustus 2018.