

# Ilya Kashnitsky, PhD

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**Senior Researcher (specialkonsulent),**

Statistics Denmark

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## Formal Education

<b>PhD in Demography</b> , University of Groningen, Groningen & Netherlands Interdisciplinary Demographic Institute, The Hague, The Netherlands PhD dissertation <i>Changing regional inequalities in ageing across Europe</i> publicly defended on 15 October 2020 <a href="https://doi.org/10.33612/diss.134195227">doi.org/10.33612/diss.134195227</a> Advisors: Leo van Wissen and Joop de Beer	2014–20
<b>Research Certificate in Demography</b> , European Doctoral School of Demography held at the Max Planck Institute of Demographic Research, Rostock, Germany, and Interdisciplinary Centre on Population Dynamics, University of Southern Denmark, Odense, Denmark	2017–18
<b>MSc. in Demography</b> , National Research University Higher School of Economics, Moscow, Russia	2012–14
<b>BSc. in Geography</b> , Moscow State University, Moscow, Russia	2008–12

## Positions, Professional Experience

<b>Senior Researcher (specialkonsulent)</b> , Statistics Denmark, Copenhagen, Denmark	2024–
<b>Associate Member</b> , Leverhulme Centre for Demographic Science, University of Oxford, Oxford, United Kingdom	2025–
<b>Board member</b> , Danish Demographic Association	2022–
<b>Assistant Professor</b> , Interdisciplinary Centre on Population Dynamics, University of Southern Denmark, Odense, Denmark	2021–24
<b>Postdoctoral Researcher</b> , Interdisciplinary Centre on Population Dynamics, University of Southern Denmark, Odense, Denmark	2020–21
<b>Research Assistant</b> , Interdisciplinary Centre on Population Dynamics, University of Southern Denmark, Odense, Denmark	2018–20
<b>Junior Researcher</b> , Institute for Social Policy, National Research University Higher School of Economics, Moscow, Russia	2016–20
<b>Research Intern</b> , Institute for Social Development Studies, National Research University Higher School of Economics, Moscow, Russia	2013–15
<b>Research Intern</b> , Geography Department, Moscow State University, Moscow, Russia	2012
<b>Journalist</b> , Popular science magazine Zerkalo Mira, Moscow, Russia	2011–12

## Academic Awards and Honors

<b>Leading Population Expert</b> , Population Europe, Berlin, Germany	2022
<b>EPS Outreach Award</b> , European Association for Population Studies, awarded at European Population Conference 2018, Brussels, Belgium	2018

<b>Best Poster Award</b> , Awarded by the Netherlands Demographic Society (NVD) at Dutch Demography Day 2018, Utrecht, The Netherlands	2018
<b>European Doctoral School of Demography Fellowship</b> , Awarded by the Netherlands Interdisciplinary Demographic Institute, The Hague, The Netherlands	2017-18
<b>AURORA-II PhD Scholarship</b> , Awarded by Erasmus Mundus to conduct a PhD project at the University of Groningen	2014-17
<b>Student Research Scholarship</b> , Potanin Fund, Moscow, Russia	2014
<b>Best Research Paper</b> , university contest for the best student and alumni research paper, 1st place among the papers in sociology, National Research University Higher School of Economics, Moscow, Russia	2013
<b>Winner of the poster session</b> , International Student Conference Lomonosov-2013, Geography strand, Moscow State University, Moscow, Russia	2013
<b>Student Research Scholarship</b> , Oxford-Russia Fund, Moscow, Russia	2012-13

## Research Support

<b>Excess deaths due to the COVID-19 pandemic in Denmark</b> , project supported by ROCKWOOL Foundation, Copenhagen, Denmark. PI: James Vaupel / (replacement) Silvia Rizzi. IK: helped drafting the grant application, preliminary analysis and dataviz. 1.060.000€	2020-23
<b>Unequal Lifespans: Inequalities in Lifespans before and after Retirement: Trailblazing Demographic Theory and Analysis</b> , European Research Council Advanced project. PI: James Vaupel; project terminated due to the death of the PI. IK: helped drafting parts of the grant application, preliminary analysis and dataviz. 2.500.000€	2021-22
<b>Challenges to Implementation of Indexation of the Pension Age in Denmark</b> , project supported by ROCKWOOL Foundation, Copenhagen, Denmark. PI: James Vaupel / (replacement) Cosmo Strozza. IK: helped drafting the grant application, preliminary analysis and dataviz. 530.000€	2019-22
<b>Funding for a Research Stay at LCDS</b> , Leverhulme Centre for Demographic Science, University of Oxford, Oxford, United Kingdom. 1500€	2022
<b>Funding for a Research Stay at CED</b> , Center for Demographic Studies, Autonomous University of Barcelona, Bellaterra, Spain. 2000€	2022
<b>Funding for a Research Stay at CED</b> , Center for Demographic Studies, Autonomous University of Barcelona, Bellaterra, Spain. 2000€	2019
<b>European Doctoral School of Demography Fellowship</b> , Awarded by the Netherlands Interdisciplinary Demographic Institute, The Hague, The Netherlands. 15,400€	2017-18
<b>Funding for a Research Stay at MPIDR</b> , Max Planck Institute for Demographic Research, Rostock, Germany. 900€	2017
<b>Funding for a Guest Visit at CED</b> , Center for Demographic Studies, Autonomous University of Barcelona, Bellaterra, Spain. 400€	2017
<b>AURORA-II PhD Scholarship</b> , Awarded by Erasmus Mundus to conduct a PhD project at the University of Groningen. 51,000€	2014-17
<b>Academic Travel Grant</b> , Basic Research Foundation, National Research University Higher School of Economics, Moscow, Russia. 1840€	2014
<b>Student Research Scholarship</b> , Potanin Fund, Moscow, Russia. 2070€	2014
<b>Summer School Fellowship</b> , Basic Research Foundation, National Research University Higher School of Economics, Moscow, Russia. 1000€	2013
<b>Academic Travel Grant</b> , Basic Research Foundation, National Research University Higher School of Economics, Moscow, Russia. 1840€	2013
<b>Student Research Scholarship</b> , Oxford-Russia Fund, Moscow, Russia. 1650€	2012-13

## Publications: Peer-Reviewed Articles

19. Callaway, J., Strozza, C., Drefahl, S., Mussino, E., & **Kashnitsky, I.** (2024). Mortality inequalities at retirement age between migrants and non-migrants in Denmark and Sweden. *Demographic Research*, 50, 473–502. [doi]
18. Schöley, J., Aburto, J. M., **Kashnitsky, I.**, Kniffka, M. S., Zhang, L., Jaadla, H., Dowd, J. B., & Kashyap, R. (2022). Life expectancy changes since COVID-19 are marked by bounce backs amid continued losses. *Nature Human Behaviour*, 6, 1649–1659. [doi] [preprint] [github] [selected coverage: [The Atlantic](#), [The Economist](#), [Scientific American](#), [Time](#), [BBC](#), [Financial Times](#), [Forbes](#), [USA Today](#), [The Conversation](#), [Le Monde](#), [Le Figaro](#), [France 24](#), [El Mundo](#), [Publico](#), [Die Welt](#), [Lenta.ru](#), [The Washington Times](#), [Internazionale](#)]
17. Bergeron-Boucher, M.-P., Alvarez, J.-A., **Kashnitsky, I.**, & Zarulli, V. (2022). Probability of males to outlive females: an international comparison from 1751 to 2020. *BMJ Open*, 12(8), e059964. [doi] [preprint] [github] [selected coverage: [OurWorldInData](#), [EurekAlert](#), [The Guardian](#), [El Espanol](#), [Liberation](#), [Elle France](#), [Fox 5 New York](#), [Lenta.ru](#), [Naked Science](#), [Vice Arabic](#)]
16. Aburto, J. M., Schöley, J., **Kashnitsky, I.**, & Kashyap, R. (2022). Life expectancy declines in Russia during the COVID-19 pandemic in 2020. *International Journal of Epidemiology*, dyac055. [doi] [github]
15. Levin, A. T., Owusu-Boaitey, N., Pugh, S., Fosdick, B. K., Zwi, A. B., Malani, A., Soman, S., Besançon, L., **Kashnitsky, I.**, Ganesh, S., McLaughlin, A., Song, G., Uhm, R., Herrera-Espósito, D., Campos, G. de los, Antonio, A. C. P. P., Tadese, E. B., & Meyerowitz-Katz, G. (2022). Assessing the burden of COVID-19 in developing countries: Systematic review, meta-analysis and public policy implications. *BMJ Global Health*, 7(5), e008477. [doi] [selected coverage: [Nature](#), [Forbes](#), [Quartz](#), [The Conversation](#)]
14. Aburto, J. M., Schöley, J., **Kashnitsky, I.**, Zhang, L., Rahal, C., Missov, T. I., Mills, M. C., Dowd, J. B., & Kashyap, R. (2021). Quantifying impacts of the COVID-19 pandemic through life-expectancy losses: A population-level study of 29 countries. *International Journal of Epidemiology*, dyab207. [doi] [github] [selected coverage: [CNA TV interview](#), [BBC](#), [The Economist](#), [The Guardian](#), [Financial Times](#), [Reuters](#), [Forbes](#), [New York Post](#), [Washington Post](#), [Bloomberg](#), [The Times](#), [Newsweek](#), [Quartz](#), [World Economic Forum](#), [Die Welt](#), [Der Spiegel](#), [Le Monde](#), [Liberation](#), [France Inter](#), [El Pais](#), [Svenska Dagbladet](#), [El Economista](#), [Fox News](#), [CNet](#), [Gazeta.pl](#), [Lenta.ru](#)]
13. Zarulli, V., **Kashnitsky, I.**, & Vaupel, J. W. (2021). Death rates at specific life stages mold the sex gap in life expectancy. *Proceedings of the National Academy of Sciences*, 118(20), e2010588118. [doi] [github] [coverage: [OurWorldInData](#), [ABC](#), [36kr](#)]
12. Vaupel, J. W., Bergeron-Boucher, M.-P., & **Kashnitsky, I.** (2021). Outsurvival as a measure of the inequality of lifespans between two populations. *Demographic Research*, S8(35), 853–864. [doi] [preprint] [github]
11. **Kashnitsky, I.**, & Aburto, J. M. (2020). COVID-19 in unequally ageing European regions. *World Development*, 136, 105170. [doi] [github] [coverage: [Population Europe](#), [RBC](#), [European Commission](#)]
10. **Kashnitsky, I.**, de Beer, J., & van Wissen, L. (2020). Unequally ageing regions of Europe: Exploring the role of urbanization. *Population Studies*, 1–17. [doi] [coverage: [Population Office of the EU](#)]
9. Verhagen, M. D., Brazel, D. M., Dowd, J. B., **Kashnitsky, I.**, & Mills, M. C. (2020). Forecasting spatial, socioeconomic and demographic variation in COVID-19 health care demand in England and Wales. *BMC Medicine*, 18(1), 203. [doi] [coverage: [BBC](#), [99 local outlets in the UK](#)]
8. **Kashnitsky, I.**, Kashnitsky, I., De Beer, J., & Van Wissen, L. (2020). Economic Convergence In Ageing Europe. *Tijdschrift Voor Economische En Sociale Geografie*, 111(1), 28–44. [doi]

7. **Kashnitsky, I.** (2020). Russian periphery is dying in movement: A cohort assessment of internal youth migration in Central Russia. *GeoJournal*, 85(1), 173-185. [doi] [coverage: [Big City](#)]
6. **Kashnitsky, I., & Aburto, J. M.** (2019). Geofaceting: Aligning small-multiples for regions in a spatially meaningful way. *Demographic Research*, 41(17), 477-490. [doi] [github] [poster]
5. **Kashnitsky, I., & Schöley, J.** (2018). Regional population structures at a glance. *The Lancet*, 392(10143), 209-210. [doi] [postprint] [github] [coverage: [EurekAlert](#), [IQ HSE](#), [Focus.de](#), [Daily Mail](#)]
4. **Кашницкий, И. С.** (2017). Влияние изменений в правилах учета миграции в 2011 г. На оценку интенсивности миграции молодёжи: Когортно-компонентный анализ. [Impact of changes in the rules of registration of migration in 2011 on the assessment of the intensity of youth migration: Cohort-component analysis] *Демографическое Обозрение* [Demographic Review], 4(1), 83-97. [doi] [in Russian]
3. **Kashnitsky, I., De Beer, J., & Van Wissen, L.** (2017). Decomposition of regional convergence in population aging across Europe. *Genus*, 73(1), 2. [doi] [coverage: [Population Office of the EU](#)]
2. **Kashnitsky, I., Mkrtchyan, N., & Leshukov, O.** (2016). Interregional migration of youths in Russia: A comprehensive analysis of demographic statistics. *Educational Studies Moscow*, 13(3), 169-203. [doi] [coverage: [BBC Russia](#), [Mel](#), [RIA Tomsk](#), [RBC Novosibirsk](#)]
1. **Kashnitsky, I., & Gunko, M.** (2016). Spatial variation of in-migration to Moscow: Testing the effect of housing market. *Cities*, 59, 30-39. [doi]

## Publications: Book Chapters

7. Vaupel, J. W., Bergeron Boucher, M.-P., **Kashnitsky, I.**, & Sogaard, J. (2022). Demografiske perspektiver på danskernes levetid. In T. M. Andersen & J. R. Skaksen (Eds.), *Et aldrende Danmark*. Gyldendal. [in Danish]
6. Guimarães, R. M., Brusse, G. P. de L., Maximo, G. de C., & **Kashnitsky, I.** (2021). Introduction to Survival Analysis Using Mortality Tables. In *Demography and public health: Studies on the application of demographic techniques* (1st.ed.). Rio de Janeiro (RJ): Fundação Oswaldo Cruz. [in Portuguese]
5. Schöley, J., & **Kashnitsky, I.** (2019). But why? Design choices made while creating “regional population structures at a glance.” In *New Generations in Demography: New Challenging Adventures in the Population Science* (pp. 55-70). [doi]
4. Gunko, M. S., Bogacheva, P. A., Medvedev, A. A., & **Kashnitsky, I. S.** (2018). Mass housing in Moscow: A case of path dependent development. In *The Urban Book Series. Housing Estates in Europe: Poverty, Ethnic Segregation, and Policy Challenges* (pp. 289-311). [doi]
3. **Kashnitsky, I.** (2015). Youth migration drives the depopulation of periphery. In *XV April International Academic Conference on Economic and Social Development* (Vol. 3, pp. 103-113). Higher School of Economics. [pdf] [coverage: [IQ HSE](#), [Radio Echo Moscow](#)]
2. **Кашницкий, И. С.** (2015). Миграции молодежи в России: Влияние на возрастные структуры. [Youth Migration in Russia: Impact on Age Structures] In E. В. Донец & О. С. Чудиновских (Eds.), *Современные исследования миграции населения* [Modern research on population migration] (Vol. 26, pp. 79-93). Экономический факультет МГУ имени М.В. Ломоносова. [Economics Department of the Lomonosov Moscow State University] [pdf] [in Russian]
1. Мкртчян, Н. В., & **Кашницкий, И. С.** (2014). Стягивание населения с периферии в региональные центры: Россия и Европейский Север. [Concentration of population from the periphery to the regional centers: Russia and the European North] In

Угорский проект и потенциал ближнего севера: Экономика, экология, сельские поселения [The Ugori Project and the Potential of the Near North: Economy, Ecology, Rural Settlements] (pp. 123–139). Логос [Logos]. [in Russian]

## Publications: Other Writing

21. **Kashnitsky, I.** (2022). What is your BIG question? *Remembering James Vaupel*. [\[link\]](#)
20. **Kashnitsky, I.** (2021, March 5). Demography 101: What is life expectancy? And (even more important) what it isn't. *DemographeR's Notes*. [\[link\]](#) [\[twitter\]](#)
19. Meyerowitz-Katz, G., & **Kashnitsky, I.** (2020). Comparing bad apples to orange soda: Flaws and Errors in an Estimation of Years of Life Lost Associated With School Closures and COVID-19 deaths by Christakis, Van Cleve, and Zimmerman. *OSF Preprint*. [\[doi\]](#) [media: [The Guardian](#), [Forbes](#), [FR24](#), [NPR](#)]
18. Balbo, N., **Kashnitsky, I.**, Melegaro, A., Meslé, F., Mills, M., De Valk, H., & Vono de Vilhena, D. (2020). *Demography and the Coronavirus Pandemic* (Population & Policy Compact No. 25). Max Planck Society/Population Europe. [\[link\]](#)
17. Vaupel, J. W., Aburto, J. M., Boucher, M.-P. B., **Kashnitsky, I.**, Menon, S., Rizzi, S., Schöley, J., & Sogaard, J. (2020). Danish covid19 policies reduced overall mortality. *ROCKWOOL Fonden Report*. [\[link\]](#)
16. **Kashnitsky, I.** (2020). Population Europe Expert Twitter Takeover. *Twitter Thread*. [\[link\]](#)
15. **Kashnitsky, I.**, & Barchuk, A. (2020, April 4). Deadliest outside the big cities (K. Rothrock, Trans.). *Meduza*. [\[link\]](#)
14. **Kashnitsky, I.** (2019, March 14). Zotero hacks: Unlimited synced storage and its smooth use with markdown. *DemographeR's Notes*. [\[link\]](#)
13. **Кашницкий, И. С.** (2018). Можно рассчитать, доживу ли я до пенсии? Как оценить среднюю продолжительность жизни? [Is it possible to calculate if I will live to retirement age? How to estimate the average life expectancy?] *Meduza*. [\[link\]](#) [in Russian]
12. **Kashnitsky, I.** (2017, May 7). Evolution of ice hockey players' height: IIHF world championships 2001-2016. *DemographeR's Notes*. [\[link\]](#)
11. **Kashnitsky, I.** (2017, March 16). Working with spatial data to generate a consistent demographic time series. *Demotrends*. [\[link\]](#)
10. **Kashnitsky, I.** (2016). A cohort is not representative of humanity: Review of "Evidence for a limit to human lifespan." *Publons*. [\[doi\]](#)
9. **Кашницкий, И. С.** (2016, October 7). Люди не смогут жить дольше 115 лет. Или все-таки смогут? [Humans will not be able to live longer than 115 years. Or will they?] *Meduza*. [\[link\]](#) [in Russian]
8. **Кашницкий, И. С.** (2016, May 27). Как Дмитрий Медведев манипулирует данными о населении Дальнего Востока. Фактчек. [How Dmitry Medvedev manipulates data on the population of the Far East. Factcheck] *Meduza*. [\[link\]](#) [in Russian]
7. **Kashnitsky, I.** (2015–18). **Demographic Digest** – a regular bi-weekly column at *Demoscope Weekly* featuring brief summaries of the fresh demographic papers from the best demographic journals. [\[link\]](#) [One of the reasons for awarding the EAPS Outreach Award 2018]
6. **Kashnitsky, I.** (2015). The Land of Babushka. *Demotrends*. [\[link\]](#)
5. Уилсон, К., Соботка, Т., Уильямсон, Л., & Бойл, П. (2015). Миграция и замещение поколений в Европе (**И. С. Кашницкий, Trans.**). *Демографическое Обозрение*, 2(1), 56–88. [\[doi\]](#) [in Russian, Translation of: Wilson, C., Sobotka, T., Williamson, L., & Boyle, P. (2013). Migration and intergenerational replacement in Europe. *Population and Development Review*, 39(1), 131–157. [doi](#)]



4. Резер, Д. С. (2014). Экономические и социальные последствия демографического перехода (И. А. Дранникова & **И. С. Кашницкий**, Trans.). *Демографическое Обозрение*, 1(4), 41–67. [doi] [in Russian, Translation of: Reher, D. S. (2011). Economic and social implications of the demographic transition. *Population and Development Review*, 37(s1), 11–33. doi]
3. **Kashnitsky, I.** (2014). Cohort research on Russian youth intraregional migration. *European Population Conference 2014*. [link]
2. **Кашницкий, И. С.** (2014). Что в возрасте тебе моем? *Демоскоп Weekly*, 581–582. [link] [in Russian]
1. **Кашницкий, И. С.** (2013). Трансформация брачно-партнерских отношений в развитых странах. *Демоскоп Weekly*. [link] [in Russian]

## Publications: Works in Progress

9. **Kashnitsky, I.**, Trias-Llimós, S., & Villavicencio, F. (2023). *Life expectancy changes in urban and rural areas of European countries in the two pandemic years 2020-21*. OSF Preprint. [preprint] [github]
8. **Kashnitsky, I.**, Callaway, J., & Strozza, C. (2023). *The origins of foreign-born populations in Denmark and Sweden*. OSF Preprint. [preprint] [github]
7. **Kashnitsky, I.** (2023). *Non-survival to pension age in Denmark and Sweden: A sub-national investigation*. OSF Preprint. [preprint] [github]
6. **Kashnitsky, I.**, Trias-Llimós, S., & Villavicencio, F. (under review). *Life expectancy changes in urban and rural areas of European countries in the two pandemic years 2020-21*. [github]
5. Strozza, C., Vigezzi, S., Callaway, J., **Kashnitsky, I.**, Aleksandrovs, A., & Vaupel, J. W. (2022). *Socioeconomic inequalities in survival to retirement age or shortly afterwards: A register-based analysis*. [preprint]
4. **Kashnitsky, I.**, Raksha, A., Schöley, J., & Aburto, J. M. (in preparation). *A radically simple way to monitor life expectancy*. [preprint] [video presentation] [slides]
3. Permanyer, I., **Kashnitsky, I.**, & Aburto, J. M. (in preparation, on hold). *Equality-Efficiency Tradeoffs in Population Health*.
2. **Kashnitsky, I.** (in preparation, on hold). *Why she had to go: Impact of migration on adult sex ratios*.
1. **Kashnitsky, I.**, & Aburto, J. M. (in review, R&R). *A new approach to convergence in population age structures*.

## Interviews and Selected Media Appearances

Mænd, der haler ind på kvinder – men de kommer aldrig til at overhale [Men who catch up to women – but they will never overtake]. <a href="#">Jyllands Posten</a> [in Danish]	Feb 2023
Større befolkning øger behovet for nye forbrugsmønstre [Larger population increases the need for new consumption patterns]. <a href="#">Berlingske</a> [in Danish]	Nov 2022
Verden har rundet opsigtsvækkende milepæl – og der kan vente svære udfordringer [The world has reached a startling milestone – and difficult challenges may await]. <a href="#">TV2.DK</a> [in Danish]	Oct 2022
FN forudser, at vi runder otte milliarder mennesker til november [The UN predicts that we will round eight billion people by November]. <a href="#">DR.DK</a> [in Danish]	Jul 2022
Ukraine war threatens to deepen Russia's demographic crisis. <a href="#">Financial Times</a>	Apr 2022
Миллион смертей и полтора года жизни. Коронавирус глазами статистики [A million deaths and a year and a half of life. Coronavirus through the eyes of statistics]. <a href="#">Radio Liberty</a> [in Russian]	Jan 2022

Russia's Covid Death Toll Surges to Record in October. <a href="#">Bloomberg</a>	Dec 2021
Corona og forventet levetid [Corona and life expectancy], ROCKWOOL Fonden Podcast, <a href="#">episode #27</a> [in English]	Nov 2021
Демографы подвели итоги пандемии в 2020 году. Главный из них: такого падения ожидаемой продолжительности жизни не было со времен Второй мировой – Интервью соавтора работы Ильи Кашницкого [Demographers summed up the pandemic in 2020. The main one: there has not been such a drop in life expectancy since the Second World War –Interview with co-author of the work Ilya Kashnitsky]. <a href="#">MEDUZA</a> [in Russian]	Oct 2021
COVID-19 has wiped out years of progress on life expectancy. <a href="#">Asia Tonight, Channel News Asia</a>	Sep 2021
Life expectancy in men and women. <a href="#">ABC Health Report</a>	May 2021

## Software Development

6. **Kashnitsky, I.** (2022). *odds: historical odds data from oddsportal, ready for R* [R]. [\[github\]](#) (Original work published 2022)
5. **Kashnitsky, I.**, Aleksandrovs, A., & Baudisch, A. (2022). *Remembering James Vaupel*. [\[website\]](#) (Original work published 2022)
4. Riffe, T., Aburto, J. M., **Kashnitsky, I.**, Pascariu, M., Alexander, M., & Cimentada, J. (2021). *DemoTools: Tools for the evaluation, adjustment, and standardization of demographic data* [R]. [\[github\]](#) (Original work published 2017)
3. **Kashnitsky, I.** (2021). *top100altmetric: Top 100 noticed papers of the year according to Altmetric* [R]. [\[github\]](#) (Original work published 2021)
2. **Kashnitsky, I.** (2020). *sjrdata: All SCImago Journal & Country Rank data, ready for R* [R]. [\[github\]](#) (Original work published 2018)
1. Schöley, J., & **Kashnitsky, I.** (2018). *tricolore: A Flexible Color Scale for Ternary Compositions* [R]. [\[link\]](#)

## Research Projects

<i>Excess deaths and life-years lost due to the Covid-19 pandemic in Denmark</i> , <b>Researcher</b> , Interdisciplinary Centre on Population Dynamics, University of Southern Denmark, Funded by ROCKWOOL Foundation, PI: James Vaupel	2020–23
<i>Challenges to implementation of indexation of the pension age in Denmark</i> , <b>Researcher</b> , Interdisciplinary Centre on Population Dynamics, University of Southern Denmark, Funded by ROCKWOOL Foundation, PI: James Vaupel	2019–22
<i>Changing regional inequalities in ageing across Europe</i> , <b>PhD Researcher</b> , University of Groningen, Groningen & Netherlands Interdisciplinary Demographic Institute, The Hague, The Netherlands, PhD dissertation publicly defended on 15 October 2020 doi.org/10.33612/diss.134195227, Advisors: Leo van Wissen and Joop de Beer	2014–20
<i>Migrants in Moscow: integration into the city space and sociocultural adaptation</i> , <b>Researcher</b> , National Research University Higher School of Economics, Moscow, Russia, Funding: HSE Basic Research Programme, PI: Ekaterina Demintseva	2015–17
<i>Mathematical and cartographic modelling of interregional migration flows in Russia</i> , <b>Research Assistant</b> , Moscow State University, Funded by Russian Foundation for Basic Research, PI: Irina Tikunova	2013–14

## Teaching Experience

<i>Data Visualization – the Art/Skill Cocktail</i> , <b>Lecturer</b> , Leverhulme Centre for Demographic Science, University of Oxford, Oxford, United Kingdom	2022
<i>Data Visualization – the Art/Skill Cocktail</i> , <b>Lecturer</b> , Max Planck Institute for Demographic Research & International Max Planck Research School for Population, Health and Data Science, Rostock, Germany	2020, 2021
<i>Data Visualization with R</i> , <b>Lecturer</b> , Barcelona Summer School of Demography, Universitat Autònoma de Barcelona, Barcelona, Spain	2019, 2021-24
<i>Maps with R</i> , <b>Guest Lecturer</b> , Summer Institute in Computational Social Science, University of Oxford, Great Britain	2021
<i>Academic online toolbox: a brief guided tour to academic internet</i> , <b>Guest Lecturer</b> , Master program Population and Development, National Research University Higher School of Economics, Moscow, Russia	2020
<i>Data Visualization</i> , <b>Instructor</b> , two-days workshop, Gender and Generations Survey Conference, INED – Institut national d'études démographiques, Paris, France	2019
<i>Crafting a poster</i> , <b>Instructor</b> , one-day workshop, Share-Net Netherlands & KIT Royal Tropical Institute, Amsterdam, The Netherlands	2019
<i>Research tools</i> , <b>Lecturer</b> , European Doctoral School of Demography, Odense, Denmark	2019
<i>Data Visualization</i> , <b>Lecturer</b> , European Doctoral School of Demography, Odense, Denmark	2019
<i>Demography and Economics</i> , <b>Co-lecturer</b> , University of Southern Denmark, Odense, Denmark	2019
<i>Data visualization</i> , <b>Lecturer</b> , Master program Population and Development, National Research University Higher School of Economics, Moscow, Russia	2016-17
<i>Introduction to R</i> , <b>Lecturer</b> , Master program Population and Development, National Research University Higher School of Economics, Moscow, Russia	2016-17
<i>Migration</i> , <b>Guest Lecturer</b> , Master program Population and Development, National Research University Higher School of Economics, Moscow, Russia	2016
<i>Mapping in R</i> , <b>Instructor</b> , one-day workshop, prepared together with Michael Thomas, Faculty of Spatial Sciences, University of Groningen, Netherlands	2015

## Mentoring Experience

Hortense Freser. Center for Demographic Studies, Autonomous University of Barcelona. <i>European Doctoral School of Demography 2018-19.</i>	2018-19
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## Invited Talks

17. <i>Municipal demography – Providing consistent and accurate population estimates and forecasts across Danish municipalities</i> , Statistics Denmark, Copenhagen, Denmark	2023
16. <i>Life expectancy changes during the pandemic years</i> , Statens Serum Institut, Copenhagen, Denmark	2023
15. <i>Life expectancy changes in urban and rural populations of European countries during the pandemic years</i> , Dondena Centre, Bocconi University, Milan, Italy <a href="#">[slides]</a>	2023
14. <i>Life expectancy changes in urban and rural populations of European countries during the pandemic years</i> , Federal Institute for Population Research (BiB), Wiesbaden, Germany	2023



13. *Exploring Scholarly Migration Database*, a lightning talk at the inaugural meeting of the database organized by MPIDR at PAA 2023, New Orleans, Louisiana, United States [[slides](#)] 2023
12. *Non-survival to pension age in Denmark and Sweden: a sub-national investigation*, ROCKWOOL Foundation Research Unit, Copenhagen, Denmark 2022
11. *Imaginary populations, imaginary understanding*, Seminar at Department of Epidemiology, Erasmus MC, Rotterdam, The Netherlands [[online](#)] 2021
10. *Create powerful dataviz with R*, satRday Nairobi, Kenya [[online](#)] 2021
9. *Beyond summary statistics: A practical guide to #ShowTheDamnData*, Rostock Retreat, Max Planck Institute for Demographic Research, Rostock, Germany [[slides](#)] 2021
8. *The spatial regularities of non-survival to pension age in Danish municipalities*, Internal seminar talk at Statistics Denmark, Copenhagen, Denmark 2020
7. *COVID-19 in ageing populations: a demographic reflection*, University of St. Andrews, United Kingdom [[resources for the talk](#)] 2020
6. *Crafting a poster*, Share-Net Netherlands & KIT Royal Tropical Institute, Amsterdam, The Netherlands [[tweet](#)] [[slides](#)] 2019
5. *Create powerful dataviz with R*, 20 Years Anniversary Celebration of the Masters in Demography program at Population Research Center, University of Groningen, The Netherlands 2019
4. *Changing regional inequalities in ageing across Europe*, Shortlisted Job Candidate Interview Talk, Center for Demographic Studies, Autonomous University of Barcelona, Bellaterra, Spain 2017
3. *Regional demographic convergence in Europe*, Lunch seminar at the Faculty of Spatial Sciences, University of Groningen, The Netherlands 2017
2. *Пост-социалистический мегаполис: пространственные особенности миграционного притока и связь с ценами на жилье* [*Post-Socialist megapolis: Spatial variation of in-migration to Moscow: testing the effect of housing market*], Migration studies seminar at National Research University Higher School of Economics, Moscow, Russia [[in Russian](#)] 2016
1. *Theme group Ageing & Longevity: main results and plans for the future*, Brown Bag Seminar at Netherlands Interdisciplinary Demographic Institute, The Hague, The Netherlands 2015

## Academic Presentations

24. *Methodological Innovations in Mortality*, session discussant at the Population Association of America Annual Meeting 2023, New Orleans, Louisiana, United States [[slides](#)] 2023
23. *A radically simple way to monitor life expectancy*, British Society for Population Studies Annual Conference 2022, Winchester, United Kingdom [[preprint](#)] 2022
22. *Non-survival to pension age in Denmark and Sweden: a sub-national investigation*, European Population Conference 2022, Groningen, The Netherlands [[extended abstract](#)] 2022
21. *A radically simple way to monitor life expectancy*, Nordic Demographic Symposium 22, Oslo, Norway [[preprint](#)] [[slides](#)] 2022
20. *A radically simple way to monitor life expectancy*, Workshop of the EAPS Health, Morbidity and Mortality Working Group, Higher School of Economics, (online) Prague, Czechia [[preprint](#)] [[slides](#)] [[video presentation](#)] 2021
19. *COVID-19 in unequally ageing European regions*, Dutch Demography Week 2020, (online) Utrecht, The Netherlands [[abstract](#)] [[paper](#)] 2020

18. *(cancelled due to COVID-19 pandemic)* European Population Conference 2020, Padova, Italy (2 papers accepted for oral presentation + invited member of poster jury) 2020
17. *(cancelled due to COVID-19 pandemic)* Data visualization principles, Population Association of America Annual Meeting 2020, Washington DC, United States (2 papers accepted for oral presentation + 1 paper co-author) 2020
16. *Why she had to go: Impact of migration on adult sex ratios*, British Society for Population Studies Annual Conference 2019, Cardiff, United Kingdom 2019  
[slides] [abstract]
15. *Gefaceting: Aligning small-multiples for regions in a spatially meaningful way*, Population Association of America Annual Conference 2019 Austin, Texas, United States [poster] [paper] 2019
14. *Compare population age structures of Europe NUTS-3 regions and the US counties using ternary colour-coding*, Dutch Demography Day 2018, Utrecht, The Netherlands [poster] [blog] 2018
13. *Regional Population Structures at a Glance*, European Population Conference 2018, Brussels, Belgium [poster] [abstract] [paper] 2018
12. *Colorcoded map: regional population structures at a glance*, Dutch Demography Day 2017, Utrecht, Netherlands [slides] [book of abstracts] 2017
11. *Urbanization and regional difference in ageing in Europe*, Statistical Week, Rostock, Germany [slides] 2017
10. *Urbanization and regional difference in ageing in Europe*, Belgian Demography Day, Ghent, Belgium [slides] 2017
9. *Regional economic and demographic development in Europe*, The Third Russian Economic Congress, Moscow State University, Moscow, Russia 2016
8. *Urbanization and regional difference in ageing in Europe*, Dutch Demography Day 2016, Utrecht, The Netherlands 2016
7. *Decomposition of regional convergence in population ageing across Europe*, European Population Conference 2016, Mainz, Germany [slides] [abstract] [paper] 2016
6. *Join the club: convergence in population ageing across European NUTS 2 regions*, Regional Studies Association Annual Conference 2016, Graz, Austria 2016
5. *Join the club: convergence in population ageing across European NUTS 2 regions*, Urban and Regional Studies Institute Autumn Conference 2015, University of Groningen, The Netherlands 2015
4. *The use of generation replacement indexes for the research on internal youth migration*, Internal migration and commuting in international perspective, The Federal Institute for Population Research (BiB), Wiesbaden, Germany [poster] 2015
3. *Cohort research on Russian youth intraregional migration*, European Population Conference 2014, Budapest, Hungary [slides] [paper] 2014
2. *Youth migration drives the depopulation of periphery*, XV April International Academic Conference on Economic and Social Development, Moscow, Russia [slides] [paper] 2014
1. *Differentiation of Russian regions and cities by mean age of population as a consequence of internal migration*, British Society for Population Studies Annual Conference 2013, Swansea, United Kingdom [slides] 2013

## Courses & Training

*Statistical Rethinking (2023 Edition)*, Instructor: Richard McElreath

2023

<i>Berkeley Workshop in Formal Demography</i> , Instructors: Joshua Goldstein, Ayesha Mahmud, Dennis Feehan, Berkeley Population Center, UC Berkeley , CA, United States	2021
<i>Digital and Computational Demography</i> , Instructors: Emilio Zagheni, Samin Aref & Kiran Garimella, International Advanced Studies in Demography & International Max Planck Research School for Population, Health and Data Science, Max Planck Institute for Demographic Research, Rostock, Germany	2019
<i>Visualizing Data</i> , Instructor: Jonas Schöley, International Advanced Studies in Demography, Max Planck Institute for Demographic Research, Rostock, Germany	2017
<i>Smoothing Demographic Data: Flexible Models in Population Studies</i> , Instructor: Carlo-Giovanni Camarda, International Advanced Studies in Demography, Max Planck Institute for Demographic Research, Rostock, Germany	2017
<i>Publishing in English</i> , Graduate School of the Faculty of Spatial Sciences, University of Groningen, The Netherlands	2015
<i>Sequence Analysis Using TraMineR</i> , Instructor: Matthias Studer, Netherlands Interdisciplinary Demographic Institute, The Hague, The Netherlands	2015
<i>Exploratory Data Analysis</i> , Instructor: Roger Peng, John Hopkins University, Baltimore, United States (MOOC, Coursera)	2015
<i>Spatial Demography</i> , Instructor: Sebastian Klüsener, International Advanced Studies in Demography, Max Planck Institute for Demographic Research, Rostock, Germany	2015
<i>Introduction to R with Advanced Methods and Elements of Reproducible Research</i> , Instructor: Christof Waldhauser, 3rd ECPR Winter School in Methods and Techniques, University of Vienna, Austria	2014
<i>Advanced Issues in Survey Design and Analysis</i> , Utrecht Summer School, Utrecht University, The Netherlands	2013

## Research Stays

Federal Institute for Population Research (BiB), Wiesbaden, Germany / 1 week / host: Pavel Grigoriev & Sebastian Klüessner	2023
Oxford University, Leverhulme Centre for Demographic Science, Oxford, United Kingdom / 3 weeks / host: Melinda Mills	2022
Tel Aviv University, Department of Sociology and Anthropology, Tel Aviv, Israel / 2 weeks / host: Isaak Sasson	2022
Demographic Center Studies (CED), Universidad Autonoma de Barcelona, Bellaterra, Spain / 2 weeks / host: Iñaki Permanyer	2019
Max Planck Institute for Demographic Research, Rostock, Germany / 3 weeks / host: Roland Rau	2017
Netherlands Interdisciplinary Demographic Institute, The Hague, The Netherlands / 3 weeks / host: Leo van Wissen	2014

## Community Service

**Peer-review for Academic Journals:** Population Studies, Population, Space & Place, Demography, Demographic Research, European Journal of Population, Vienna Yearbook of Population Research, Population Research and Policy Review, Regional Studies, The BMJ, International Journal of Epidemiology, Public Health, BMJ Global Health, The Lancet Public Health, Frontiers Public Health, PLOS One, BMJ Open, Population Health Metrics, Journal of Health and Social Behavior, TESS, Journal of the Economics of Ageing, Comparative Population Studies, Social Indicators Research, Journal of Statistical Software, Quality & Quantity, Scientific Reports, EClinicalMedicine, Moravian Geographical Reports, Risk Analysis, Quetelet, Demographic Review (RU)

**PhD external evaluator:** Sebastian Hanika (Lund University, 2025)

**Grant application peer-review:** Fondazione Cariplo (2021–22, 2024)

**Review of Master Theses:** National Research University Higher School of Economics (2017–18)

**Conference Session / Discussion Organizer:** 23rd Nordic Demographic Symposium ([2025](#)),  
Online expert meeting ([2022-12-15](#)), Population Association of America Annual Meeting  
(2021), Feedback Forum at NIDI (2016–2017)

**Expert Panel Discussion:** Technical Advisory Group on COVID-19 Mortality Assessment, Working  
group 4, WHO & UN DESA ([2021–22](#)), Population Europe Expert Workshop Demography and  
the Coronavirus Pandemic ([2020](#))

**Member of Academic Organizations:**

Danish Demographic Society (2022–), [board member](#) (2022–)  
International Union for the Scientific Study of Population (2021–)  
Population Association of America (2019–)  
Netherlands Demographic Society (2016–)  
European Association for Population Studies (2014–)

**Other:**

Remembering James Vaupel (2022) – a memorial website  
<https://remembering-james-vaupel.org>

## Languages

**Russian:** Native

**English:** C2

**Danish:** A2    **German:** A2