



# Maksim Rudnev

PhD in Sociology

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Google.Scholar profile:

<http://scholar.google.ru/citations?user=3nNOg04AAAAJ>

GitHub: <https://github.com/maksimrudnev>

Website: <https://maksimrudnev.com>

## EDUCATION

- 2009, Sept Candidate (PhD) in Sociology, Institute of Sociology in Russian Academy of Sciences
- 2006 “Specialist” in Psychology, Sholokhov Moscow State Open University of Pedagogy

## FURTHER TRAINING

- 2007 ESS Train on *Cross-Cultural Data Comparability*, Mannheim, Germany
- 2011 *Multilevel Analysis* Train at the University of Pompeu Fabra, Barcelona, Spain.
- 2011 *Structural Equation Models with Latent Variables, Simultaneous Equation Modeling*. In ICPSR Summer School, Ann Arbor, MI, USA.
- 2013 *My First Bayes: How to implement Bayesian Approach in Structural Equation Modeling*. In GESIS Spring Seminar, Cologne, Germany.
- 2015 *Advanced Bayesian Statistics, Causal Inference*. In ICPSR Summer School, Ann Arbor, MI, USA.
- 2016-2022 Multiple online courses on Python and longitudinal SEM.

## POSTS AND POSITIONS

- 2011-March 2022 Senior Research Fellow and Assistant Professor  
HSE University,  
Moscow, Russia.
- 2017-2020 Postdoctoral Researcher  
at Instituto Universitário de Lisboa (ISCTE-IUL), CIS-IUL,  
Lisbon, Portugal.
- 2006-2011 Junior research fellow and PhD student  
at Institute of Sociology, Russian Academy of Sciences.
- 2010-2017 Psychometrics expert and test developer  
at National Training Foundation, financed by World Bank,  
Moscow, Russia.
- 2006 Survey manager and statistician  
at World Food Program, UN,  
Nazran, Russia.

## FUNDED RESEARCH PROJECTS

- 2020-2022 Various grants from *Basic Research Program of HSE University*. PI.
- 2017-2020 “Brave Old World? The Role of Old Age Diversity in Ageism”, *CIS-Instituto Universitário de Lisboa (ISCTE-IUL)*. Associate researcher.
- 2014-2016 Scientific Network on "Boundaries of Life", *Deutsche Forschungsgemeinschaft*. <https://blogs.phil.hhu.de/boundaries/> Member of the network and contributor to deliverables.
- 2014 “Social Identity and values: cross-nation comparison”, from *Basic Research Program of HSE University*. Co-investigator.
- 2013 “Personal activity in a value system: cross-nation comparisons”, from *Basic Research Program of National Research University Higher School of Economics*. Co-investigator.
- 2012 “Basic and labor values and its dynamics in 1990-2000: comparison of Russia with other European countries”, from *Basic Research Program of HSE University*. Co-investigator.

- 2011 “Regional specifics of models of economic attitudes and behavior among Russians”, from *Basic Research Program of HSE University*. Co-investigator.
- 2009 “Socio-Psychological Study of Basic Human Values and Subjective Well-Being of Russian Youth and Analysis of Its Determinants”, from *Russian Humanities Foundation*. Co-investigator.
- 2008 “Change of Social Structure, Values and Images of Russian and Ukrainian Population: Comparative Study”, from *Russian Humanities Foundation*. Co-investigator.
- 2007 “Development of The Complex Program of Monitoring of Occupational Prestige Among School Students”, as a part of Federal Target Program of Education Development, from *Russian Ministry of Education*. Analyst.
- 2004-2005 “Tolerance among Russian Teenagers Research Project”, as a part of “Spreading the tolerant attitudes and prevention of extremism in Russian population”, from *Russian Ministry of Education*. Contributor.

## LANGUAGES

- English: fluent.
- Russian: native.
- Portuguese: elementary (A2.2).

## TEACHING

### Regular courses

- Data analysis and visualization with R, with a special topic on Structural Equation Modeling (2016-2022).
- Structural Equation Modeling with Latent Variables using Mplus and R (2012-2015).
- General Methodology of Social Research (2012).

### Workshops

- Short course “Brief Introduction to R” for ISCTE PhD in Psychology students (Portugal, in English), 2019.

- Short course “Methods of Cross-Cultural Research: Measurement invariance with JASP” (Koç University, Istanbul, Turkey), Summer School of GlobalMINDS Master program, 2019
- Short course “Capabilities and Building Blocks of R Language” for Smart-BEEJS PhD program at Nottingham Trent University (online), 2020.
- Short course “Quantitative Methods for Comparative Social Science” in European University at Saint Petersburg, 2021.

## RESEARCH INTERESTS

Substantive:

- Modernization, ageism, and older adults’ social status.
- Basic values, value change, value heterogeneity.
- Moral attitudes, attitudes towards euthanasia, lay discourse on decisions in the end of life.

Methodological:

- Measurement of latent variables.
- Measurement invariance.
- Cross-cultural comparability in surveys.
- Bayesian and frequentist confirmatory factor analysis.
- Complex SEM models: multiple groups CFA, mixture models, latent class analysis, multilevel/hierarchical regressions and multilevel SEM modeling.
- R development, data visualization, transparency, reproducibility.

## SOFTWARE

Rudnev M. (2018-2019) **Measurement Invariance Explorer** – An R package and Shiny Application.

<https://github.com/MaksimRudnev/MIE.package>

Rudnev M. (2018-2019) **LittleHelpers**: Collection of little helpers for multilevel and multigroup analyzes. An R package.

<https://github.com/MaksimRudnev/LittleHelpers>

Rudnev M. **mplus.rstudio** Addin for Rstudio that allows to run Mplus code within RStudio <https://github.com/MaksimRudnev/mplus.rstudio>

Rudnev M. (2017-2019) Trends in Basic Values of European Countries – An R Shiny Application. <http://values.maksimrudnev.com>

Rudnev M. (2020-2022) Burnout assessment tool. <https://theburnout.app>

## Publications (24)

### Summary

JCR Q1 (WoS) articles	10
JCR Q2 (WoS) articles	5
Scopus Q1 articles	17
Chapters	4
Total citations on Google Scholar	1580
h-factor on Google Scholar	17
i10-index on Google Scholar	24

- Forthcoming Remizova A., Rudnev M., & Davidov E. (2022) Religious involvement across Europe: Examining its measurement comparability. *Survey Research Methods*.  
[IF: 5.266, Q1 in Social Sciences, Mathematical Methods]
- 2022 Leitgöb, H., Seddig, D., Asparouhov, T., Behr, D., Davidov, E., De Roover, K., Jak, S., Meitinger, K., Menold, N., Muthén, B., Rudnev, M., Schmidt P., & van De Schoot, R. (2022). Measurement invariance in the social sciences: Historical development, methodological challenges, state of the art, and future perspectives. *Social Science Research*, 102805.  
<https://doi.org/10.1016/j.ssresearch.2022.102805>  
[IF: 2.614, Q1 in Sociology and Political Science]
- \*Rudnev M. & Vauclair C.-M. Revisiting Cowgill's Modernisation Theory: Perceived Social Status of Older Adults Across 58 Countries. *Ageing & Society*, 1-18. <https://doi.org/10.1017/S0144686X22001192>  
[IF: 3.718, Q2 in Gerontology]
- Kirkland K., Crimston C., Jetten J., Rudnev M. [+41 coauthors], & Bastian B. (2022) Moral expansiveness around the world: The role of societal factors across 36 countries. *Social Psychological and Personality Science*. <https://doi.org/10.1177/19485506221101767>  
[IF: 5.316, Q1 in Psychology, Social]
- Jovanovič V., Rudnev M., Iqbal N., Žemojtel-Piotrowska M., & Rice S. Cross-Cultural Measurement of Positive and Negative Emotions in Adolescence: Evidence from Three Countries. *Journal of Happiness Studies*. <https://doi.org/10.1007/s10902-022-00521-6>  
[IF: 4.087, Q1 in Social Sciences, Interdisciplinary]
- Jovanovič V., Rudnev M. [+31 coauthors] The Satisfaction with Life Scale in Adolescent Samples: Measurement Invariance across 24 Countries and Regions, Age, and Gender. *Applied Research in Quality of*

*Life*. <https://doi.org/10.1007/s11482-021-10024-w>  
[IF: 3.447, Q1 in Social Sciences, Interdisciplinary]

\*Remizova A., Rudnev M., & Davidov E. In Search of a Comparable Measure of Generalized Individual Religiosity in the World Values Survey. *Sociological Methods and Research*.  
<https://doi.org/10.1177/00491241221077239>  
[IF: 4.667, Q1 in Sociology]

2021 \*Rudnev M. (2021) Caveats of Non-Ipsatization of Basic Values: A review of issues and a simulation study. *Journal of Research in Personality*, 93, 104118. <https://doi.org/10.1016/j.jrp.2021.104118>  
[IF: 3.886, Q2 in Psychology, Social]

\*Rudnev M. (2021) Political Participation and Basic Values in Europe: Replication and Extension of Vecchione et al. (2015). *British Journal of Psychology*, 112(4). <https://doi.org/10.1111/bjop.12496>  
[IF: 4.981, Q1 in Psychology, Multidisciplinary]

Vauclair C.-M. & Rudnev M. (2021) Modernization theory. In D. Gu & M. E. Dupre (eds.) *Encyclopedia of Gerontology and Population Aging*. Springer. [https://doi.org/10.1007/978-3-319-69892-2\\_750-2](https://doi.org/10.1007/978-3-319-69892-2_750-2)

2020 Remizova A. & Rudnev M. (2020) Understanding the justifiability scale in international surveys: an exploratory study. *International Journal of Social Research Methodology*, 23(3). P. 291-309.  
<http://doi.org/10.1080/13645579.2019.1683135>  
[IF: 3.468, Q1 in Social Sciences, Multidisciplinary]

Rudnev M. & Vauclair C.-M., [28 coauthors], Bastian B. (2020) Measurement invariance of the moral vitalism scale across 28 cultural groups. *Plos One*, 15(6). P. 1-11.  
<https://doi.org/10.1371/journal.pone.0233989>  
[IF: 3.752, Q1 in Multidisciplinary Sciences]

2018 \*Rudnev M., Magun V., & Schwartz S. H. (2018). Relations Among Higher Order Values Around the World. *Journal of Cross-Cultural Psychology* 49(8), 1165-1182. <http://doi.org/10.1177/0022022118782644>  
[IF: 2.577, Q3 in Psychology, Social]

Rudnev M. & Savelkaeva A. (2018) Public Support for the Right to Euthanasia: Impact of Traditional Religiosity and Autonomy Values Across 37 Nations. *International Journal of Comparative Sociology*, 59(4), 301-318. <http://doi.org/10.1177/0020715218787582>  
[IF: 2.156, Q2 in Sociology]

- Rudnev M. & Vauclair C.-M. (2018) The Link Between Personal Values and Frequency of Drinking Depends on Cultural Values: A Cross-Level Interaction Approach. *Frontiers in Psychology*, 9(1379), 1-13.  
<http://doi.org/10.3389/fpsyg.2018.01379>  
 [IF: 4.232, Q2 in Psychology, Multidisciplinary]
- \*Rudnev M. (2018) Testing for invariance of latent classes: Group-as-covariate approach. In Davidov E., Schmidt P., Billiet, J., & Meuleman B. (Eds.) *Cross-cultural analysis: methods and applications, second edition*. Routledge (pp. 449-479). <https://doi.org/10.4324/9781315537078-16>
- \*Rudnev M., Lytkina E., Davidov E., & Schmidt P. (2018) Testing Measurement Invariance for a Second-Order Factor: A Cross-National Test of the Alienation Scale. *mda: methods, data, analysis*, 12(1), 47-76.  
<https://doi.org/10.12758/mda.2017.11>
- 2016 \*Rudnev M., Magun V., & Schmidt P. (2016) Basic Human Values: Stability of Value Typology in Europe. In Voicu, M., Mochmann, I.C. & Dülmer H. (Eds.) *Values, Economic Crisis and Democracy*, Abingdon: Routledge (pp.21-50).
- \*Magun V., Rudnev M., & Schmidt P. (2016) Within- and Between-Country Value Diversity in Europe: A Typological approach. *European Sociological Review*, 32(2), 189-202. <https://doi.org/10.1093/esr/jcv080>  
 [IF: 4.099, Q1 in Sociology]
- 2015 Magun V. & Rudnev M. (2015) Basic Human Values of the Russians: Both Different from and Similar to Other Europeans. In L. Harrison, E. G. Yasin (eds.) *Culture Matters in Russia and Everywhere: Backdrop for the Russia-Ukraine Conflict*. Lexington Books (pp. 431-450).
- 2014 Rudnev M. (2014) Value Adaptation among Intra-European Migrants: Role of Country of Birth and Country of Residence. *Journal of Cross-Cultural Psychology*, 45(10), 1626 -1642.  
<https://doi.org/10.1177/0022022114548482>  
 [IF: 2.577, Q3 in Psychology, Social]
- Dobewall H. & Rudnev M. (2014) Common and Unique Features of Schwartz's and Inglehart's Value Theories at the Country and Individual Levels. *Cross-Cultural Research*, 48 (1), 45-77.  
<https://doi.org/10.1177/1069397113493584>  
 [IF: 2.178, Q2 in Social Sciences, Interdisciplinary]
- 2008 \*Magun V. & Rudnev M. (2008) Basic Values of Russians and Other Europeans: Similarities and Differences. *Russian Public Opinion Herald*, 93(1) in Russian. *Unauthorized translation*: Magun V., Rudnev M. (2010) The life values of the Russian population: Similarities and



differences in comparison with other European countries. *Russian Social Science Review*, 51(6), <https://doi.org/10.1080/10611428.2010.11065411>.

2007

Magun V. & Rudnev M. (2007) Basic Values of Ukrainians: Comparison with 23 Other European Countries. *Russian Public Opinion Herald*, 89(3) in Russian.

\* Fifteen Russian-language papers are not listed

\*\* Impact factors (JCR) and rankings are taken from *Journal Citation Reports*, 2012 Clarivate.