MARKUS KAINU

I build *software tools for research* together with rOpengov for the sake of it and also as my daily job at Research Department of The Social Insurance Institution of Finland

`linux|R|SQL|www|open data|open source`

💻 RESEARCH SOFTWARE IN R

2012 | 2022

eurostat
Leo Lahti, Przemyslaw Biecek, Markus Kainu and Janne Huovari.
R tools to access open data from Eurostat. Data search, download, manipulation and visualization.

2019 | 2022

geofi
Markus Kainu, Joona Lehtomäki, Juuso Parkkinen, Jani Miettinen, Leo Lahti
R tools for spatial data in Finland

2012 | 2022

rqog
Markus Kainu
Download and use data from the Quality of Government Institute data in R

2015 | 2022

pxweb
Måns Magnusson, Markus Kainu, Janne Huovari, and Leo Lahti
The pxweb R package provides tools to interface with the PX-WEB API for data search, download, manipulation and visualization purposes

💼 EMPLOYMENT

2016 | 2022

Research unit at National Social Insurance Institution of Finland
researcher   📍 Helsinki, Finland

- Social policy research related to regional disparities and travel reimbursements
- Development of computing environments on various linux platforms
- Capacity building within Kela research through ongoing internal R-courses, code reviewing and software development
- Automating research and statistical publications such as koronamittarit.kela.fi or Purchased prescription medicines in Finland
- Software development of in-house occupational well-being surveys

CONTACT INFO

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 github.com/muuankarski

 gitlab.com/muuankarski

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For more information, please contact me via email

INTERESTS

Research software development
social policy research
Research in Russia and post-socialist space

*This resume was made with the R package **pagedown**.*

Last updated 2022-02-16.

2015 — 2018

UN Food and Agriculture Organization (FAO)

consultant   📍 Rome, Italy

· Developing software based on R and latex for automated statistical yearbook production
· capacity building

2010 — 2014

Aleksanteri institute, Finnish Centre of Russian and East European Studies, University of Helsinki

PhD Student   📍 Helsinki, Finland

· Working Title of thesis: *Poverty, place and income redistribution - Analysis of poverty dynamics in post-socialist transition*

2014 — 2016

Local Government Pensions Institution

consultant   📍 Helsinki, Finland

· Developing software based on R and latex for automating the analysis and reporting of monthly survey on Occupational Well-being

2012

Statistics Finland

consultant   📍 Addis Abeba, Ethiopia

· Responsible for analysis of Ethiopian Welfare Monitoring Survey data and writing of a summary report

📄 PUBLICATIONS

2021

Kainu M: Kuka pelastaisi verkkoalustojen tiedesisällöt?

Idäntutkimus. Vol 28 Nro 3 (2021): Teknologia;

2021

Mannila S & Kainu M: Poverty and Social Exclusion in Russia

In: Kivinen Markku, Humphreys Brendan, editors. Russian modernization. A new paradigm. Routledge;

2021

Mannila S & Kainu M: Poverty and Confidence in Russia

In: Chernysh Mikhail, Nikula Jouko, editors. Social Distinctions in Contemporary Russia: Waiting for the Middle-Class Society? Routledge;

2020

Kivinen, Markku, Meri Kulmala, Jouko Nikula, Simo Mannila, Kainu Markus, Laura Kemppainen, Teemu Kemppainen, et al.: Modernization of the Russian Social Policy: Social Crisis, Interventions, and Withdrawals

In: Russian Modernization: A New Paradigm. Routledge

2020 ● **Kangas Olli, Palme Joakim & Kainu Markus:** **Welfare state entry and exit over the life courseEmployment and the sustainability of the welfare state in different worlds of welfare**
In: Foulkes Savinetti, Nicol, and Aart-Jan Riekhoff, Shaping and Re-Shaping the Boundaries of Working Life. Tampere University Press

2019 ● **Kainu, Markus, Markku Kivinen, Stein Kuhnle, and Chunling Li:** **Reform and Stability – The Russian and the Chinese Welfare Systems Compared**
Russian Politics, 4.3 (2019), 423–46

2017 ● **Kainu M, Kulmala M, Nikula J, Kivinen M.:** **The Russian welfare state system: with special reference to regional inequality**
In: Aspalter C, editor. The Routledge International Handbook to Welfare State Systems. Routledge;

2017 ● **Kangas O, Palme J, Kainu M:** **The multifaceted roles of the social investment state in compensating, accumulating and multiplying endowments over the life cycle**
In: Erola J, Kilpi-jakonen E, editors. Social Inequality Across the Generations: The Role of Compensation and Multiplication in Resource Accumulation. Cheltenham, UK: Edward Elgar Pub;

2017 ● **Lahti L, Huovari J, Biecek P, Kainu M.:** **Retrieval and Analysis of Eurostat Open Data with the eurostat Package**
In: Erola J, Kilpi-jakonen E, editors. Social Inequality Across the Generations: The Role of Compensation and Multiplication in Resource Accumulation. Cheltenham, UK: Edward Elgar Pub;

2017 ● **Kulmala, M; Kainu, M; Nikula, J & Kivinen, M.:** **Paradoxes of Agency: Democracy and Welfare in Russia.**
Demokratizatsiya: The Journal of Post-Soviet Democratization} 22, 523–552 (2014)

🎓 EDUCATION

2008 ● **University of Turku**
M.Soc.Sc.   📍 Turku, Finland
Major: social policy research.

Thesis: Impact of public transfers on poverty cycle in the Republic of Moldova in 2001-2004.
Grade: laudatur

🖥️ TEACHING/WORKSHOPS

2019

Introduction to R and Tidyverse

Kurssilla perehdytään data-analyysin perusasioihin käyttäen R-ohjelmiston Tidyverse-pakettikokonaisuutta. Kurssilla käydään läpi data-analyysin prosessi eri datalähteistä, datan siivoamisen ja muokkaamisen kautta visualisoimiseen

📍 World Wide Web

2018

Introduction to R and Tidyverse

Kurssilla perehdytään data-analyysin perusasioihin käyttäen R-ohjelmiston Tidyverse-pakettikokonaisuutta. Kurssilla käydään läpi data-analyysin prosessi eri datalähteistä, datan siivoamisen ja muokkaamisen kautta visualisoimiseen

📍 Turku, Finland

2016

Introduction to applied data analysis using R

Kurssilla perehdytän laskennallisen data-analyysin perusasioihin R-ohjelmistolla. Kurssilla käydään läpi data-analyysin prosessi eri datalähteistä, datan siivoamisen ja muokkaamisen kautta visualisoimiseen ja mallintamiseen, sekä analyysin tulosten raportoimiseen.

📍 Turku, Finland

2013

Open data in Russian and East-European research

Introduction to use of open research data in Russian and East European studien through case GDELT-data

📍 Helsinki, Finland

2013

Everything was forever until it was no more

The aim of this workshop is to discuss the different opportunities and challenges the digitalization poses for researchers in the academic world.

📍 Helsinki, Finland

2012

A shortcut from data to publication

Reproducible data analysis in quantitative social research using R, Markdown and knitr

📍 Helsinki, Finland