
PROFILE	<i>Quantitatively orientated social scientist specialized in research software carpentry and poverty and social security in post-socialist space</i>	
DATE	April 28, 2018	
CONTACT INFORMATION	<i>Personal website:</i> markuskainu.fi <i>Mobile:</i> +358 (0)50 3516164 <i>E-mail:</i> markuskainu@protonmail.com	
CITIZENSHIP	Finnish	
DATE OF BIRTH	August 7, 1979	
CURRENT EMPLOYMENT	Research Department of The Social Insurance Institution of Finland (KELA), Helsinki, Finland <i>Researcher</i> February 2016 to present <ul style="list-style-type: none"> • Upgrading practises and infrastructure for data-analysis and reporting at Kela Research using open source software such as R, linux docker • Capacity building within Kela research through ongoing internal R-courses, code reviewing and software development 	
PROFESSIONAL EXPERIENCE	Food and Agricultural Organisation of the United Nations (FAO), Rome, Italy, Rome, Italy <i>Consultant</i> February 2015 - present (early 2017) <ul style="list-style-type: none"> • Developing software based on R and latex for automated statistical yearbook production Local Government Pensions Institution, Helsinki, Finland <i>Consultant</i> April 1st 2014 - present (early 2016) <ul style="list-style-type: none"> • Developing software based on R and latex for automating the analysis and reporting of monthly survey on Occupational Well-being Statistics Finland, Helsinki, Finland <i>Consultant</i> April 15th - 28th 2012, Addis Abeba, Ethiopia <ul style="list-style-type: none"> • Responsible for analysis of Ethiopian Welfare Monitoring Survey data and writing of a summary report • Lecturing on R-programming and reproducible analysis 	
EDUCATION	University of Turku M.Soc.Sc, June 2008 <ul style="list-style-type: none"> – Title of thesis: <i>Impact of public transfers on poverty cycle in the Republic of Moldova in 2001-2004</i> – Grade: Laudatur – Area of Study: Social Policy 	January 2004 to 2008

ACADEMIC APPOINTMENTS	<p>Researcher January 2010 to February 2015 Aleksanteri institute, Finnish Centre of Russian and East European Studies, University of Helsinki</p> <p>PhD Student January 2010 to March 2014 Department of Social Research, University of Turku – Working Title of thesis: <i>Poverty, place and income redistribution - Analysis of poverty dynamics in post-socialist transition</i></p>
CHAPTERS IN REFEREED BOOKS	<p>. Kainu M, Kulmala M, Nikula J, Kivinen M. <i>The Russian welfare state system: with special reference to regional inequality</i>. In: Aspalter C, editor. The Routledge International Handbook to Welfare State Systems. Routledge; 2017.</p> <p>Kangas O, Palme J, Kainu M. <i>The multifaceted roles of the social investment state in compensating, accumulating and multiplying endowments over the life cycle</i>. 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.</p>
REFEREED JOURNAL PUBLICATIONS	<p>Lahti L, Huovari J, Biecek P, Kainu M. <i>Retrieval and Analysis of Eurostat Open Data with the eurostat Package</i>. The R Journal [Internet]. 2017 [cited 2017 May 16]; Available from: https://journal.r-project.org/archive/2017/RJ-2017-019/index.html</p> <p>Kulmala, Meri; Kainu, Markus; Nikula, Jouko & Kivinen, Markku. Paradoxes of Agency: Democracy and Welfare in Russia. <i>Demokratizatsiya: The Journal of Post-Soviet Democratization</i> 22, 523–552 (2014).</p>
RESEARCH SOFTWARE	<p>Lahti,Leo; Biecek, Przemyslaw, Huovari, Janne & Kainu, Markus <i>eurostat: R tools for Eurostat open data</i> Available at: ropengov.github.io/eurostat/. 2014. R-package. Part of rOpenGov-project.</p> <p>Kainu, Markus <i>rqog: Download data from the Quality of Government Institute data</i> Available at: ropengov.github.io/rqog/. 2014. R-package. Part of rOpenGov-project.</p> <p>Kainu, Markus <i>tidymetadata: Functions to Generate Tidy Metadata from SPSS, Stata and SAS binary data files</i> Available at: muuankarski.github.io/tidymetadata. 2017. R-package.</p> <p>Kainu, Markus <i>faogis: Food and Agriculture Organisation of the United Nations (FAO) GIS R tool</i> Available at: github.com/UNFAOstatistics/gisfao. 2015. R-package.</p>
OTHER PUBLICATIONS	<p>Kainu, Markus. Open research methods in computational social sciences and humanities: introducing R. In <i>Historia i en digital värld (History in Digital World)</i>, edited by Jessica Parland von Essen and Kenneth Nyberg. Version 1.0.1, May 2014 http://digihist.se/</p> <p>Kainu, M. & Mannila, S & Central Statistical Agency of Ethiopia <i>Ethiopian Welfare monitoring Survey 2011 - Summary Report</i>. Research Paper, Central statistical Agency of Ethiopia, Statistics Finland, UNDP, Addis Abeba, April 27, 2012.</p>

- HARDWARE AND SOFTWARE SKILLS See my **Github** profile for full details.
- Tools for data-analysis reporting:**
- Infrastructure: linux (Ubuntu, CENTOS, RHEL), Docker, VirtualBox
 - Statistical packages: R, SPSS, Stata, SAS
 - Reporting languages: TeX, L^AT_EX, B_IB_TE_X, HTML, CSS, Javascript, Hugo, Jekyll, Twitter Bootstrap, DokuWiki, MediaWiki
 - Content management system: Concrete5, Wordpress, Joomla, Drupal
 - Media: Gimp, Photoshop, Inkscape, Illustrator, Scribus, InDesign, Kdenlive, Premiere
 - BI-tools: Tableau
 - GIS-tools: Quantum GIS, spatial analysis in R
 - Reference managements tools: Zotero, Endnote, Mendeley
 - Office softwares: MS Office & LibreOffice
- CIVIL SOCIETY ACTIVITIES Active contributor to several NGOs, to mention:
- Member and contributor to the Open Science working group at Open Knowledge Foundation Finland
 - mens choir Äänipäät
- REFERENCES AVAILABLE TO CONTACT
- Dr. Markku Kivinen** (e-mail: markku.kivinen@helsinki.fi)
- Professor and Director, Aleksanteri institute University of Helsinki
 - *Dr. Kivinen is a director of Aleksanteri institute and my close collaborator in several projects*
- Dr. Olli E. Kangas** (e-mail: olli.kangas@kela.fi)
- Research Professor and head of Research Department, The Social Insurance Institution of Finland (KELA)
 - *Dr. Kangas is a close collaborator of mine for several years in researching welfare state in Finland and European Union*
- Dr.Simo Mannila** (e-mail: simo.mannila@thl.fi)
- Senior Expert, International Affairs, THL International Affairs Unit
 - *I have co-worked with Dr. Mannila on issues of social development in post-socialist countries on and on a separate mission in Ethiopia in 2012 consulting the local statistical agency*