

PROFILE	<i>I'm a quantitatively orientated social scientist specialized in poverty and inequalities in post-socialist space, and in open source software carpentry.</i>	
DATE	May 16, 2017	
CONTACT INFORMATION	<i>Personal website:</i> <a href="http://markuskainu.fi">markuskainu.fi</a> <i>Mobile:</i> +358 (0)50 3516164 <i>E-mail:</i> <a href="mailto:markuskainu@gmail.com">markuskainu@gmail.com</a>	
CITIZENSHIP	Finnish	
DATE OF BIRTH	August 7, 1979	
CURRENT EMPLOYMENT	<b>Research Department of The Social Insurance Institution of Finland (KELA), Helsinki, Finland</b> <i>Researcher</i> February 2016 to present <ul style="list-style-type: none"> <li>• Upgrading the data analysis practises and infrastructure at Kela research using open source software such as R and linux servers</li> <li>• Capacity building within Kela research through ongoing R-user meetings, internal package development, code reviewing and software development</li> </ul>	
PROFESSIONAL EXPERIENCE	<b>Food and Agricultural Organisation of the United Nations (FAO), Rome, Italy, Rome, Italy</b> <i>Consultant</i> February 2015 - present (early 2017) <ul style="list-style-type: none"> <li>• Developing software based on R and latex for automated statistical yearbook production</li> </ul> <b>Local Government Pensions Institution, Helsinki, Finland</b> <i>Consultant</i> April 1st 2014 - present (early 2016) <ul style="list-style-type: none"> <li>• Developing software based on R and latex for automating the analysis and reporting of monthly survey on Occupational Well-being</li> </ul> <b>Statistics Finland, Helsinki, Finland</b> <i>Consultant</i> April 15th - 28th 2012, Addis Abeba, Ethiopia <ul style="list-style-type: none"> <li>• Responsible for analysis of Ethiopian Welfare Monitoring Survey data and writing of a summary report</li> <li>• Lecturing on R-programming and reproducible analysis</li> </ul>	
EDUCATION	<b>University of Turku</b> M.Soc.Sc, June 2008 <ul style="list-style-type: none"> <li>– Title of thesis: <i>Impact of public transfers on poverty cycle in the Republic of Moldova in 2001-2004</i></li> <li>– Grade: Laudatur</li> <li>– Area of Study: Social Policy</li> </ul>	January 2004 to 2008

ACADEMIC  
APPOINTMENTS

**Researcher** January 2010 to February 2015  
Aleksanteri institute, Finnish Centre of Russian and East European Studies, University of Helsinki

**PhD Student** January 2010 to March 2014  
Department of Social Research, University of Turku  
– Working Title of thesis: *Poverty, place and income redistribution - Analysis of poverty dynamics in post-socialist transition*

CHAPTERS  
IN REFEREED  
BOOKS

. 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.

REFEREED  
JOURNAL  
PUBLICATIONS

Lahti L, Huovari J, Biecek P, Kainu M. *Retrieval and Analysis of Eurostat Open Data with the eurostat Package*. The R Journal [Internet]. 2017 [cited 2017 May 16]; Available from: <https://journal.r-project.org/archive/2017/RJ-2017-019/index.html>

Kulmala, Meri; Kainu, Markus; Nikula, Jouko & Kivinen, Markku. Paradoxes of Agency: Democracy and Welfare in Russia. *Demokratizatsiya: The Journal of Post-Soviet Democratization* 22, 523–552 (2014).

RESEARCH  
SOFTWARE

Lahti,Leo; Biecek, Przemyslaw, Huovari, Janne & Kainu, Markus *eurostat: R tools for Eurostat open data* Available at: [ropengov.github.io/eurostat/](https://ropengov.github.io/eurostat/). 2014. R-package. Part of rOpenGov-project.

Kainu, Markus *rqog: Download data from the Quality of Government Institute data* Available at: [ropengov.github.io/rqog/](https://ropengov.github.io/rqog/). 2014. R-package. Part of rOpenGov-project.

Kainu, Markus *tidymetadata: Functions to Generate Tidy Metadata from SPSS, Stata and SAS binary data files* Available at: [muuankarski.github.io/tidymetadata](https://muuankarski.github.io/tidymetadata). 2017. R-package.

Kainu, Markus *faogis: Food and Agriculture Organisation of the United Nations (FAO) GIS R tool* Available at: [github.com/UNFAOstatistics/gisfao](https://github.com/UNFAOstatistics/gisfao). 2015. R-package.

OTHER  
PUBLICATIONS

Kainu, Markus. Open research methods in computational social sciences and humanities: introducing R. In *Historia i en digital värld (History in Digital World)*, edited by Jessica Parland von Essen and Kenneth Nyberg. Version 1.0.1, May 2014 <http://digihist.se/>

Kainu, M. & Mannila, S & Central Statistical Agency of Ethiopia *Ethiopian Welfare monitoring Survey 2011 - Summary Report*. Research Paper, Central statistical Agency of Ethiopia, Statistics Finland, UNDP, Addis Abeba, April 27, 2012.

HARDWARE AND SOFTWARE SKILLS See my **Github** profile for full details.

**Research Application:**

- Statistical packages: R, SPSS
- GIS-tools: Quantum GIS, spatial analysis in R
- Productivity Applications:  $\text{T}_{\text{E}}\text{X}$ ,  $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$ ,  $\text{B}_{\text{I}}\text{B}_{\text{T}}\text{E}_{\text{X}}$
- Reference managements tools: Zotero
- Office softwares: MS Office & LibreOffice

**Multimedia tools:**

- Opensource: Gimp, Scribus, Inkscape, Blender, Kdenlive
- Proprietary: Photoshop, Illustrator, Dreamviewer, InDesign, Premiere

**WWW publishing:**

- Languages: HTML, CSS, Javascript, Jekyll, Twitter Bootstrap, DokuWiki, MediaWiki
- Content management system: Concrete5, Wordpress, Joomla, Drupal, various wikis

**Operating Systems:**

- GNU/Linux (Ubuntu, Debian, RHEL), Microsoft Windows, OS X,

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](mailto: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](mailto: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](mailto: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*