

BaNoCoSS-2015
Fourth Baltic-Nordic Conference on Survey Statistics
 24–28 August 2015 Helsinki

Programme

Updated 25 Aug. 2015

Monday 24 August [Minerva Plaza](#)

10:30–13:00	<i>Registration – Registration desk open at Minerva Plaza</i>
13:00–13:15	Opening Minerva Plaza Main Hall Risto Lehtonen
13:15–16:30	PLENARY SESSIONS
13:15–15:00	Session 1 Keynote talk Minerva Plaza Main Hall <i>Chair</i> Risto Lehtonen Partha Lahiri (University of Maryland) Statistical modeling and estimation for linked data Discussion Can BIGDATA help in the production of reliable local area statistics? Discussion
15:00–15:30	<i>Refreshments – Registration desk open at Minerva Plaza</i>
15:30–16:30 15:30–16:00	Session 2 Invited papers Minerva Plaza Main Hall <i>Chair</i> Olga Vasylyk Per Gösta Andersson (Stockholm University) and Carl-Erik Särndal (Stockholm University): Reduced bias and increased variance: a possible trade-off in calibration for nonresponse treatment? Discussion
16:00–16:30	Ariane Würbach (Leibniz Institute for Educational Trajectories & Otto-Friedrich-University Bamberg, Germany) and Sabine Zinn (Leibniz Institute for Educational Trajectories, Germany): Bayesian estimation of a general heaping model via different random-walk Metropolis specifications Discussion
16:40–17:40	PARALLEL SESSIONS
16:40–17:00	Session 3 Survey sampling & Estimation Minerva Plaza Main Hall <i>Chair</i> Kaja Sõstra Ieva Dirdaitė (Vilnius Gediminas Technical University): Relationship between balanced sampling and calibrated estimator
17:00–17:20	Mariia Chebanova (Taras Shevchenko National University of Kyiv): Aspects of sampling usage for rare populations for labor migration measuring in Ukraine
17:20–17:40	Jaakko Reinikainen (University of Jyväskylä) and Juha Karvanen (University of Jyväskylä): Bayesian subcohort selection for longitudinal covariate measurements in follow-up studies
16:40–17:00	Session 4 Survey Methodology & Analysis Minerva Plaza Room K213 <i>Chair</i> Kaur Lumiste Iryna Andras (Institute of Economics of NAS, Belarus), Andrei Piliutsik (Institute of Economics of NAS, Belarus) and Anastacia Bobrova (Institute of Economics of NAS, Belarus): Sample survey of family to identify the intentions on having children
17:00–17:20	Kristina Galiautdinovaitė (Vilnius Gediminas Technical University): Income inequality measures for Baltic and Nordic countries
17:20–17:40	Aydin Karakoca (Necmettin Erbakan University, Turkey) and Alper Sinan (Sinop University, Turkey): Genetic modelling imputation approach for quantitative missing data problem
17:50–18:30	POSTER SESSION
17:50–18:30	Session 5 Poster Session Minerva Plaza Main Hall Iana Bondarenko (Oles Honchar Dnipropetrovsk National University, Ukraine) and Valery Turchyn (Oles Honchar Dnipropetrovsk National University, Ukraine): Big data: one approach to processing ATM data Natalja Budkina (Riga Technical University) and Mārtiņš Liberts (University of Latvia): On different points of view to the study of survey statistics Markku Mikael Nurminen (University of Helsinki): Estimating the length of working careers from the Finnish Labour Force Survey data Alina Sinisalo (Natural Resources Institute Finland, LUKE), Arto Latukka (LUKE) and Anne-Mari Sepponen (LUKE): Testing differences of means Inga Skendere (Riga Stradins University) and Julija Stare (Riga Stradins University): Analysis of RSU International Brand – Views by International Students
19:00–21:00	University of Helsinki Reception University Main Building (Fabianinkatu 33), Press Hall Foyer (2nd floor) Hosted by Dean Liisa Laakso

Tuesday 25 August Minerva Plaza	
9:00–13:50	PLENARY SESSIONS
9:00–10:30 9:00–10:00	Session 6 <i>Invited papers</i> Minerva Plaza Main Hall <i>Chair</i> Imbi Traat Li-Chun Zhang (University of Southampton and Statistics Norway) and John Dunne (Central Statistics Office, Ireland): Census-like population size estimation based on administrative data Discussion
10:00–10:30	Ari Veijanen (Statistics Finland): Effect of register errors on quality of survey estimates Discussion
10:30–11:00	<i>Refreshments</i>
11:00–12:00 11:00–11:20	Session 7 <i>Survey Methodology</i> Minerva Plaza Main Hall <i>Chair</i> Kari Djerf Manfred Antoni (Institute for Employment Research, Germany), Basha Vicari (Institute for Employment Research, Germany) and Daniel Bela (Leibniz Institute for Educational Trajectories): Interviewers' influence on bias in reported income
11:20–11:40	Folaşade Ariyibi (Office for National Statistics, UK) and Salah Merad (Office for National Statistics, UK): Improving contact rates in the field through analysis of linked Census survey data
11:40–12:00	Tommi Härkänen (National Institute for Health and Welfare, THL, Finland), Juha Karvanen (University of Jyväskylä), Hanna Tolonen (THL), Risto Lehtonen (University of Helsinki), Kari Djerf (Statistics Finland), Teppo Juntunen (THL) and Seppo Koskinen (THL): Systematic handling of missing data in complex study designs - experiences from the Health 2000 and 2011 Surveys
12:00–13:00	Lunch Restaurant Olivia
13:00–13:50	Session 8 <i>Invited paper</i> Minerva Plaza Main Hall <i>Chair</i> Dan Hedlin Yan Li (University of Maryland): Genetic analyses using family-based survey data Discussion
14:00–15:00	PARALLEL SESSIONS
14:00–14:20	Session 9 <i>Health Surveys</i> Minerva Plaza Main Hall <i>Chair</i> Maria Valaste Una Kojalo (Riga Stradins University) and Ģirts Briģis (Riga Stradins University): Trends in cervical cancer incidence in Latvia in 1983-2013
14:20–14:40	Anna Larchenko (Ministry of Foreign Affairs of the Republic of Belarus): Statistical estimation and analysis of foreign trade in health services of the Republic of Belarus
14:40–15:00	Oona Pentala (National Institute for Health and Welfare, THL, Finland), Tommi Härkänen (THL) and Risto Kaikkonen (THL): Comparison of missing data methods using register-based auxiliary data for health-related survey data outcome
14:00–14:20	Session 10 <i>Small Area Estimation</i> Minerva Plaza Room K213 <i>Chair</i> Jacek Wesolowski Mauno Keto (University of Jyväskylä) and Erkki Pahkinen (University of Jyväskylä): Model-based optimal sample allocation for planned areas using EBLUP estimation
14:20–14:40	Danutė Krapavickaitė (Vilnius Gediminas Technical University): Small area estimation for a study variable having many zero values
14:40–15:00	Risto Lehtonen (University of Helsinki) and Ari Veijanen (Statistics Finland): Small area estimation by calibration methods
15:00–15:30	<i>Refreshments</i>
15:30–16:30	PLENARY SESSION
15:30–16:00	Session 11 <i>Invited papers</i> Minerva Plaza Main Hall <i>Chair</i> Tetiana Ianevich Mārtiņš Liberts (University of Latvia): European Health Interview Survey in Latvia – challenges and opportunities Discussion
16:00–16:30	Bernardo Rota (Örebro University) and Thomas Laitila (Örebro University): Calibrating on principal components in the presence of multiple auxiliary variables for nonresponse adjustment Discussion
	Continued

16:40–18:10	PARALLEL SESSIONS
<p>16:40–17:00</p> <p>17:00–17:20</p> <p>17:20–17:40</p> <p>17:40–18:00</p>	<p>Session 12 <i>Survey Statistics</i> Minerva Plaza Main Hall <i>Chair</i> Jyrki Möttönen</p> <p>Maciej Beręsewicz (Poznan University of Economics): Assessing selectivity and representativeness of Internet data sources for the real estate market in Poland</p> <p>Kari Djerf (Statistics Finland), Atte Lintilä (Statistics Finland), Riku Salonen (Statistics Finland) and Ari Veijanen (Statistics Finland): Accuracy of imputation: a Case Study on the Finnish Labour Force Survey</p> <p>Juho Kopra (University of Jyväskylä), Tommi Härkönen (National Institute for Health and Welfare, THL, Finland), Hanna Tolonen (THL) and Juha Karvanen (University of Jyväskylä): Correcting for non-ignorable missingness in health indicator trends</p> <p>Alper Sinan (Sinop University, Turkey) and Aydın Karakoca (Necmettin Erbakan University, Turkey): A different imputation approach for the categorical survey studies</p>
<p>16:40–17:10</p> <p>17:10–17:30</p> <p>17:30–17:50</p> <p>17:50–18:10</p>	<p>Session 13 <i>Business & Agricultural Surveys / Invited and contributed papers</i> Minerva Plaza Room K213 <i>Chair</i> Anna Larchenko</p> <p>Natallia Bokun (Belarus State Economic University): Micro-entities sample survey design problems</p> <p>Esa Katajamäki (Natural Resources Institute Finland, LUKE), Pasi Mattila (LUKE) and Johanna Laiho-Kauranne (LUKE): Reduction of response burden by replacing survey questions with register data: Cases of crop rotation, non-regular non-family labour, and number of animals</p> <p>Alina Sinisalo (Natural Resources Institute Finland, LUKE): The development of production costs in dairy farms using panel data</p> <p>Markus Gintas Šova (Office for National Statistics, UK): Challenges in Integrating Administrative VAT Data into UK Short-term Output Statistics</p>

Wednesday 26 August Nature Centre Haltia	
9:00	Bus from Helsinki to Nature Centre Haltia Bus leaves from Kiasma bus stop, address: Mannerheiminaukio 2
10:00–11:30	Session 14 Keynote talk Haltia Auditorium <i>Chair</i> Juha Alho Jelke Bethlehem (University of Leiden) Challenges of web surveys and web panels Discussion The ever changing landscape of statistical data collection Discussion
11:30–12:00	<i>Refreshments</i>
12:00–13:30 12:00–12:30	Session 15 Invited & contributed papers Haltia Auditorium <i>Chair</i> Mārtiņš Liberts Joonas Tuhkuri (The Research Institute of the Finnish Economy ETLA): Big Data: Google searches predict unemployment Discussion
12:30–12:50	Maciej Beręsewicz (Poznan University of Economics): A model-based approach to estimate bias in Internet data sources
12:50–13:10	Dan Hedlin (Stockholm University): Are we witnessing the end of random sampling in surveys?
13:10–13:30	Kaur Lumiste (University of Tartu): Auxiliary information in data collection and estimation stage
13:30–14:30	Lunch Restaurant Haltia
14:30–15:30	Guided Haltia tour
15:30–18:00	Leisure time Lakeshore Sauna Session Enjoy Finnish sauna and swimming in clear lake water! Sauna for females Sauna for males
18:00	Bus to Helsinki Bus leaves from Haltia parking place

Thursday 27 August Statistics Finland	
9:00–16:30	PLENARY SESSIONS
9:00–10:30	Welcoming words Timo Koskimäki , Deputy Director General of Statistics Finland Session 16 Keynote talk Auditorium 1 <i>Chair</i> Faiz Alsu hail Eric Schulte Nordholt (Statistics Netherlands): Combining register and survey information in the Dutch Census 2011 Discussion Statistical Disclosure Control methods for microdata in the Netherlands Discussion
10:30–11:00	<i>Refreshments</i>
11:00–12:00 11:00–11:30 11:30–12:00	Session 17 Invited papers Auditorium 1 <i>Chair</i> Johanna Laiho-Kauranne Kaja Sõstra (Statistics Estonia): Use of administrative data for official statistics in Statistics Estonia Discussion Ulrich Rendtel (Freie Universität Berlin, FuB), Marcus Gross (FuB), Timo Schmid (FuB), Sebastian Schmon (FuB) and Nikos Tzavidis (University of Southampton): Bayesian kernel density estimation applied to sensitive geo-coded data of Berlin Discussion
12:00–13:00	Lunch Restaurant Stateria
13:00–13:50	Session 18 Invited paper Auditorium 1 <i>Chair</i> Danutė Krapavickaitė Kaija Ruotsalainen <i>Invited paper</i> (Statistics Finland): Register-based population census methodology in Finland Discussion
14:00–15:00 14:00–14:20 14:20–14:40 14:40–15:00	Session 19 Administrative data & Census Auditorium 1 <i>Chair</i> Ene-Margit Tiit Ethel Maasing (Statistics Estonia): First Results in Determining Permanent Residency Status in Register-Based Census Wojciech Roszka (Poznan University of Economics): Synthetic data sources in the spatial analysis of poverty in Poland Hanna Tolonen (National Institute for Health and Welfare, THL, Finland), Juha Karvanen (University of Jyväskylä), Päivikki Koponen (THL), Erkki Vartiainen (THL) and Kari Kuulasmaa (THL): What can be learned about survey non-response through record linkage? Examples from health examination surveys
15:00–15:30	<i>Refreshments</i>
15:30–16:30 15:30–15:50 15:50–16:10 16:10–16:30	Session 20 Sampling & Estimation Auditorium 1 <i>Chair</i> Juha Karvanen Tetiana lanevych (Taras Shevchenko National University of Kyiv): Some approaches in analyzing the data with excess of zeros Tomas Rudys (Vilnius University): An application of unit-level model for fractions of unemployed Jacek Wesolowski (Central Statistical Office, Poland): An eigenproblem approach to optimal equal-precision sample allocation in subpopulations
16:40–18:00	PARALLEL SESSIONS
16:40–17:00 17:00–17:20 17:20–17:40 17:40–18:00	Session 21 Sampling & Estimation Auditorium 1 <i>Chair</i> Markus Gintas Šova Iryna Rozora (Taras Shevchenko National University of Kyiv) and Olga Lukovych (Taras Shevchenko National University of Kyiv): Mean estimation with robust calibrated estimators Pentti Moilanen (Natural Resources Institute Finland, LUKE) and Anssi Ahvonen (LUKE): The Fishing Management Fee Register and the Population Register as sampling frames in a Finnish recreational fishing survey Volodymyr Sarioglo (National Academy of Science of Ukraine): Improving of the reliability of Ukrainian poverty indicators estimates using auxiliary information Maria Valaste (Social Insurance Institution, Finland): Child care choices in Finland: coping with incomplete register-based data
16:40–17:00 17:00–17:20 17:20–17:40 17:40–18:00	Session 22 Survey Methodology & Analysis Auditorium 2 <i>Chair</i> Kimmo Vehkalahti Olha Lysa (National Academy of Science of Ukraine): Combining HBS and LFS Data for Education Level Estimation Rudi Seljak (Statistical Office of the Republic of Slovenia) and Kaja Malešič (Statistical Office of the Republic of Slovenia): Generalized solutions for data editing at SURS Olga Vasylyk (Taras Shevchenko National University of Kyiv): A survey of student surveys Paavo Väisänen (Statistics Finland): Metadata of the European Time Use Survey database
18:00–19:00	
19:00–	Conference Dinner Restaurant Lasipalatsi (Mannerheimintie 22-24, Helsinki)

Friday 28 August Statistics Finland	
9:00–10:30 9:00–10:00	Session 23 <i>Invited papers</i> Auditorium 1 <i>Chair</i> Tommi Härkönen Yves Berger (University of Southampton): Recent advances in empirical likelihood approaches under complex sampling Discussion
10:00–10:30	Seppo Laaksonen (University of Helsinki): Sampling design and weighting in the European Social Survey Discussion
10:30–11:00	<i>Refreshments</i>
11:00–12:30 11:00–11:30	Session 24 <i>Invited & contributed papers</i> Auditorium 1 <i>Chair</i> Ulrich Rendtel Inga Masiulaitytė-Šukevič (Statistics Lithuania): Migration statistics. Challenges for Statistics Lithuania Discussion
11:30–11:50	Juha Karvanen (University of Jyväskylä), Ari Rantanen (Sanoma Media Finland) and Lasse Luoma (Tietoykkönen Oy, Finland): Survey data and Bayesian analysis: a cost-efficient way to estimate customer equity
11:50–12:10	Anna-Kaisa Jaakkonen (Natural Resources Institute Finland, LUKE), Mika Kuoppa-aho (LUKE) and Johanna Laiho-Kauranne (LUKE): Improving efficiency of the sample design in the Finnish horticultural survey
12:10–12:30	Ene-Margit Tiit (Statistics Estonia and University of Tartu): Residence testing using registers – conceptual and methodological problems
12:30–13:00	Closing Risto Lehtonen