The 2nd International Workshop

New Challenges for Statistical Software

- The Use of R in Official Statistics -

PROGRAMME

Bucharest, Romania
27 March 2014

www.r-project.ro/workshop2014
The 2nd International Workshop - New Challenges for Statistical Software
- The Use of R in Official Statistics -
27 March, 2014, Bucharest, Romania

SCIENTIFIC COMMITTEE

Academician Lucian Liviu ALBU – The Romanian Academy – Institute for Economic Forecasting, Bucharest, Romania
Professor Gheorghe ZAMAN – The Romanian Academy – Institute of National Economy, Bucharest, Romania
Professor Tudorel ANDREI – National Institute of Statistics and The Bucharest University of Economic Studies, Bucharest, Romania
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Professor Monica ROMAN – The Bucharest University of Economic Studies, Romania
Associate Professor Nicoleta CARAGEA – National Institute of Statistics and Ecological University of Bucharest, Romania
Associate Professor Ciprian ALEXANDRU – Ecological University of Bucharest, Romania
Lecturer Adrian DUSA – The University of Bucharest, Romania
Lecturer Nicolae-Marius JULA – Nicolae Titulescu University, Bucharest, Romania
Dr. Marioara IORDAN – The Romanian Academy – Institute for Economic Forecasting, Bucharest, Romania
Assistant Professor Gergely DARÓCZI – Easystats Ltd, Budapest, Hungary

ORGANIZING COMMITTEE

Nicoleta CARAGEA - National Institute of Statistics and Ecological University of Bucharest, Romania
Mariana PIETREANU – National Centre for Training in Statistics, Romania
Bogdan OANCEA – Nicolae Titulescu University, Bucharest, Romania
Ciprian ALEXANDRU - Ecological University of Bucharest, Romania
Monica ROMAN – The Bucharest University of Economic Studies, Romania

SECRETARIATE

Ana Maria DOBRE, National Institute of Statistics

WORKSHOP LOCATION

National Institute of Statistics, No.16 Libertatii Bvd., District 5, Bucharest, Romania

PROGRAMME

March 27, Thursday
09:00 - 10:00 Registration of participants
10:00 - 11:30 Open Session
11:30 - 11:45 Coffee Break
11:45 - 13:00 Working Session
13:00 - 14:00 Lunch
14:00 - 15:30 Working Session
15:30 - 15:45 Coffee Break
15:45 - 17:00 Working Session
17:00 - 17:30 Discussions
DETAILED PROGRAMME

Conference Room of National Institute of Statistics, Blue Hall, Ground Floor.

0900 – 1000  Registration of participants

1000 – 1130  Open Session
  Tudorel ANDREI, President of NIS, Romania
  Nicoleta CARAGEA, President of Organizing Committee

Welcoming Address
  Dorin JULA, Vice-Rector of Ecological University of Bucharest
  Bogdan OANCEA, Dean of Economics Faculty, Nicolae Titulescu University
  Mariana PIETREANU, Director of National Centre for Training in Statistics
  Monica ROMAN, Bucharest University of Economic Studies
  Ciprian ALEXANDRU, Dean of Economics Faculty, Ecological University of Bucharest
  Adrian DUSA, University of Bucharest, Department of Sociology and Social Work

1. Use of R in the UK Office for National Statistics
   Duncan ELLIOTT, UK Office for National Statistics, duncan.elliott@ons.gsi.gov.uk

2. Development and Current Practice in Using R at Statistics Austria
   Matthias TEMPL, Statistik Austria & Vienna University of Technology, matthias.templ@gmail.com
   Alexander KOWARIK, Statistik Austria, alexander.kowarik@statistik.gv.at
   Bernhard MEINDL, Statistik Austria, bernhard.meindl@statistik.gv.at

1130 – 1145  Coffee Break and Group Photo

1145 – 1300  Working Session
  Chairman: Adrian DUSA, PhD.

3. Creating statistical reports in the past, present and future
   Gergely DAROCZI, Easystats Ltd, daroczi@gapper.net

4. Data cleaning for official statistics with R
   Mark VAN DER LOO, Statistics Netherlands, m.vanderloo@cbs.nl

5. The progress of R in Romanian Official Statistics
   Ana Maria DOBRE, National Institute of Statistics, Romania, dobre.anamaria@hotmail.com
   Cecilia-Roxana ADAM, National Institute of Economic Research "Costin C.Kiritescu" of the Romanian Academy, roxana_adam2004@yahoo.com
6. Estimation procedure in Monthly retail trade survey in Serbia using R software
   Sofija SUVO CAREV, Statistical Office of the Republic of Serbia,
   sofija.suvocarev@stat.gov.rs

7. Statistical data analysis via R and PHP: A case study of the relationship
   between GDP and foreign direct investments for the Republic of Moldova
   Stefan CIUCU, Cybernetics and Statistics Doctoral School, Bucharest
   University of Economics Studies, stefan.ciucu@univnt.ro

8. Multilevel model analysis using R
   Nicolae-Marius JULA, Nicolae Titulescu University,
   mariusjula@gmail.com

13:00 – 14:00 Lunch

14:00 – 15:30 Working Session

   Chairman: Nicoleta CARAGEA, Associate Professor

9. A study on intragenerational mobility with R
   Eliza-Olivia LUNGU, National Research Institute for Labour and Social
   Protection, eliza.olivia.lungu@gmail.com
   Ana-Maria ZAMFIIR, National Research Institute for Labour and Social
   Protection
   Cristina MOCANU, National Research Institute for Labour and Social
   Protection

10. Nonparametric regression models estimation in R
    Monica Mihaela MAER MATEI, Bucharest University of Economic Studies,
    National Scientific Research Institute for Labour and Social Protection,
    matei.monicamihaela@gmail.com
    Eliza-Olivia LUNGU, National Research Institute for Labour and Social
    Protection, eliza.olivia.lungu@gmail.com

11. Demographic research on the socio economic background of students of the
    Ecological University of Bucharest
    Mihaela Janina MIHAILA, Ecological University of Bucharest,
    janinamihaelamihaila@yahoo.it

12. Integrating R and Hadoop for big data analysis
    Bogdan OANCEA, Nicolae Titulescu University of Bucharest,
    bogdanoancea@univnt.ro
    Raluca Mariana DRAGOESCU, Bucharest University of Economic Studies,
    dragoescuraluca@gmail

13. Using R to Get Value Out of Public Data
    Marius Florin RADU, Babes-Bolyai University,
    marius.radu@ubbonline.ubbcluj.ro
    Ioana MUREȘAN, Babes-Bolyai University,
    ioana.muresan@econ.ubbcluj.ro
    Răzvan NISTOR, Babes-Bolyai University, razvan.nistor@econ.ubbcluj.ro
14. Data Editing and Imputation in Business Surveys  
   Elena ROMAŞCANU, National Institute of Statistics, elena.romascanu@insse.ro

15:30 - 15:45 Coffee Break

15:45 – 17:00 Working Session

Chairman: Ciprian ALEXANDRU, Associate Professor

15. On Consistency of Parameter estimates and forecasting Volatility with GARCH Models  
   Muhammad SHERAZ, Faculty of Mathematics and Computer Science, University of Bucharest, muhammad_sheraz84@hotmail.com  
   Vasile PREDA, Faculty of Mathematics and Computer Science, University of Bucharest

16. The Bayesian Modelling Of Inflation Rate In Romania  
   Mihaela SIMIONESCU (Bratu), Institute for Economic Forecasting of the Romanian Academy, mihaela_mb1@yahoo.com

17. Methodological considerations on the size of Coefficient of Intensity of Structural Changes (CISS)  
   Florin PAVELESCU, Institute of National Economy of the Romanian Academy, pavelescu.florin@yahoo.com

18. Using R as an alternative teaching tool in the Ecological University of Bucharest  
   Carmen UNGUREANU, Ecological University of Bucharest, carmenungureanu99@yahoo.com

19. R – a Global Sensation in Data Science  
   Nicoleta CARAGEA, Ecological University of Bucharest, nicoletacaragea@gmail.com  
   Ciprian-Alexandru ALEXANDRU, Ecological University of Bucharest, alexcipro@yahoo.com  
   Ana Maria DOBRE, National Institute of Statistics, Romania, dobre.anamaria@hotmail.com

17:00 – 17:30 Discussions

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