

Tamás Rudas - Curriculum Vitae

ACADEMIC QUALIFICATIONS

1978: M. Sc. with honors in mathematics, Eötvös Loránd University

1985: Dr. rer. nat. (summa cum laude) in mathematics (probability and statistics) Eötvös Loránd University

1994: Candidate of Mathematical Science (CSc), Hungarian Academy of Sciences

2000: Habilitation (Dr Habil) in sociology, Eötvös Loránd University

2003: Doctor of the Hungarian Academy of Sciences (DSc), Hungarian Academy of Sciences

POSITIONS HELD

Department of Data Analysis, Mass Communication Research Centre, Budapest

1978-1980: Junior Research Fellow

Department of Methodology, Institute of Sociology, Eötvös Loránd University, Budapest

1980-1985: Research Fellow

1985-1990: Senior Lecturer

Statistics Group, Department of Methodology, Institute of Sociology, Eötvös Loránd University, Budapest

1990-1995: Senior Lecturer and Head

1995-1996: Reader and Head

1991-1996: Program Director in Survey Statistics

Center for Applied Statistics, Central European University, Budapest

1996-1998: Associate Professor and Head

1998-1999: Professor of Statistics and Head

Department of Statistics, School of Sociology and Social Policy, Eötvös Loránd University, Budapest

1999-2002: Reader and Head

2002-2003: Professor of Statistics and Head

1999-2003 : Director of the School

Department of Statistics, Faculty of Social Sciences, Eötvös Loránd University, Budapest

2003- : Professor of Statistics and Head

Faculty of Social Sciences

2003-2009 Founding Dean

VISITING POSITIONS

Department of Statistics, Pennsylvania State University, USA

August 1989 -May 1990: Visiting Professor

Department of Mathematics, University of Toledo, USA

September 1992 - August 1993: Visiting Professor

Statistics and Psychometry Research Division, Educational Testing Service, Princeton, USA

August 1994 - September 1994: Visiting Scholar

Center for Surveys, Methods and Analyses (ZUMA), Mannheim, Germany

September 1995 - October 1995: Guest Professor

Department of Mathematics, University of Toledo, USA

March 1997 - June 1997: Visiting Professor
Institute of Statistics, Technical University of Graz, Austria
October 1999 - January 2000: Visiting Professor
Center for Social Studies, Central European University, Warsaw, Poland
May 2000: Visiting Professor
Center for Social Studies, Central European University, Warsaw, Poland
May 2001 - June 2001: Visiting Professor
Center for Social Studies, Central European University, Warsaw, Poland
May 2002 - June 2002: Visiting Professor
Program in Public Policy, University of Erfurt, Germany
January, 2003: Visiting Professor
Graduate Program in Statistics, University of Ljubljana, Slovenia
November 2003: Visiting Professor
Center for Social Studies, Warsaw, Poland
June 2004: Visiting Professor
Graduate Program in Statistics, University of Ljubljana, Slovenia
August 2004: Visiting Professor
Department of Statistics and Center for Statistics and the Social Sciences, University of Washington,
USA
September 2004-June 2005: Visiting Professor
Center for Social Studies, Warsaw, Poland
July 2005: Visiting Professor
Graduate Program in Statistics, University of Ljubljana, Slovenia
November 2005: Visiting Professor
Graduate Program in Statistics, University of Ljubljana, Slovenia
November 2006: Visiting Professor
Graduate Program in Statistics, University of Ljubljana, Slovenia
December 2007: Visiting Professor
Department of Statistics and Center for Statistics and the Social Sciences, University of Washington,
USA
March - June 2008: Visiting Professor
Graduate Program in Statistics, University of Ljubljana, Slovenia
December 2008: Visiting Professor
Graduate Program in Statistics, University of Ljubljana, Slovenia
December 2009: Visiting Professor

FELLOWSHIPS AND SHORT COURSES

Institute of Anthropology and Human Genetics, University of Heidelberg, Germany,
May 1986 - July 1986: DAAD-fellow
Department of Theoretical Statistics, Institute of Mathematics, University of Aarhus, Denmark,
April 1987 - June 1987: Hungarian-Danish Exchange Programme Fellow
Fields Institute, University of Toronto, Canada
September 1999 - October 1999: Visiting Member
Zentralarchiv für Empirische Sozialforschung, Universität Köln, Germany
March 2003: Short course
University of Torino, Italy
January 2004: Short course
University Roma Tre, Italy
January 2009: Short course

HONOURS

Erdei Prize of the Hungarian Sociological Association for the application of statistical methods in sociology,

1988

Szechenyi Professorship, 2000-2003

Chairman of the Board, TARKI Foundation, 2003-

Vice President, European Association of Methodology, 2008-

Affiliate Professor, Department of Statistics, The University of Washington, 2008-

Golden Memorial Medal of the Eötvös Loránd University, 2009

Chairman of the Advisory Board, Institute of Sociology, Hungarian Academy of Sciences, 2010-

Faculty Award, Faculty of Social Sciences, Eötvös Loránd University, 2010

Elected Fellow, European Academy of Sociology, 2010

PART TIME (ADJUNCT) POSITIONS

Dept. of Human Genetics, National Institute of Health, Budapest

195-85: Research Associate

TARKI Social Research Centre, Budapest

1986-88 Research Associate and Head of the Research Group 'Statistical analysis of categorical data'

1989-96 Senior Research Fellow and Head, Dept. of Mathematical Statistics

1996-98 Senior Research Fellow

1998- Academic Director

Department of Political Science, Central European University, Budapest

1994-96: Recurrent Visiting Associate Professor of Political Science and Statistics

Statistics Group, Institute of Sociology, Eötvös Loránd University, Budapest

1996-99: Reader and Program Director

Department of Political Science, Central European University, Budapest

1999 - Recurrent Visiting Professor of Statistics

SELECTED PROFESSIONAL ACTIVITIES

General Secretary, European Association of Methodology (2004-2008)

Directed the research group which developed the DISTAN package for the analysis of discrete data (1986-

1992)

Directed a research group which developed a microsimulation data base and microsimulation software (1995

-2003)

Consultant to the law firm Shook, Hardy and Bacon (1999-2004)

Consultant to the Joint Industry Body of the Hungarian tv-channels on audience measurement (1999)

EDITORIAL ACTIVITIES

Member of the Editorial Board: *Advances in Methodology and Statistics*

Member of the Editorial Board: *Methodology - European Journal of Research Methods for the Behavioral and Social Sciences*

Member of the Scientific Committee: *Methods of Psychological Research - Online*

Member of the Scientific Committee: *Bulletin of Sociological Methodology*

Member of the Advisory Board: *Szociológia*

REVIEWER

Journal of the American Statistical Association (Theory and Methods)

Computational Statistics and Data Analysis

Communications in Statistics (Theory and Methods),

Biometrika

Szociológia

Magyar Statisztikai Szemle

Transactions of the IEEE

Sociological Methods and Research

Methods of Psychological Research

British Journal of Mathematical and Statistical Psychology

Journal of Statistical Planning and Inference

Annals of Statistics

Metodoloski Zvezki

Journal of Multivariate Analysis

Statistics and Computing

Test

Journal of Classification

Hacettepe Journal of Mathematics and Statistics

US National Science Foundation

Hungarian National Science Foundation

NATO Science Programme

Italian Ministry for Research

European Commission, 6th and 7th Framework

Springer Publishers

Austrian Science Foundation

CONFERENCE ORGANIZATION

Co-Director, Budapest Summer School on the Theory and Application of Statistical Models (1991-94)

Co-Organizer or organizer, Slovene-Austrian-Hungarian-Italian-Croatian Meeting of Young Statisticians, (every year from 1998)

Member of the Organizing Committee, Conference on Information Theory, Cryptography and Statistics, Budapest (2001)

Invited session organizer:

5th International Conference on Social Science Methodology, Köln (2000), Sunbelt Conference,

Budapest (2001), 23rd Biennial Conference of the Society for Multivariate Analysis in the Behavioural Sciences, Tilburg (2004), 6th International Conference on Social Science Methodology, Amsterdam (2004), COMPSTAT, Rome (2006), 7th International Conference on Social Science Methodology, Naples (2008)

Chair of the Scientific Programme Committee and local organizer: 25th Biennial Meeting of the Society for Multivariate Analysis in the Behavioural Sciences, jointly with the 2nd Conference of the European Association of Methodology, Budapest (2006)

Member of the program committee:

International Conference on Methodology and Statistics, Preddvor (1996), International Conference on Applied Statistics, Preddvor (1997), 21st Biennial Conference of the Society for Multivariate Analysis in the Behavioural Sciences, Leuven (1998), Conference on Applied Statistics, Preddvor (1998), Austrian-Slovene-Hungarian Meeting of Young Statisticians, Piran (1998), International Conference on Applied Statistics, Preddvor (1999), Slovene-Austrian-Hungarian-Italian Meeting of Young Statistician, Pecs (1999), 22nd Biennial Conference of the Society for Multivariate Analysis in the Behavioural Sciences, London (2000), International Conference on Applied Statistics, Preddvor (2000), Slovene-Austrian-Hungarian-Italian Meeting of Young Statistician, Udine (2000), International Conference on Applied Statistics, Ljubljana (2001), Slovene-Austrian-Hungarian-Italian Meeting of Young Statistician, Klagenfurt (2001), 23rd Biennial Conference of the Society for Multivariate Analysis in the Behavioural Sciences, Tilburg (2002), International Conference on Methodology and Statistics, Ljubljana (2002), Slovene-Austrian-Hungarian-Italian Meeting of Young Statistician, Piran (2002), International Conference on Methodology and Statistics, Ljubljana (2003), Slovene-Austrian-Hungarian-Italian-Croatian Meeting of Young Statistician, Balatonföldvár (2003), 24th Biennial Conference of the Society for Multivariate Analysis in the Behavioural Sciences, Jena (2004), International Conference on Fuzzy Sets and Soft Computing in Economics and Finance, St Petersburg (2004), Slovene-Austrian-Hungarian-Italian-Croatian Meeting of Young Statistician, Rimini (2004), Applied Statistics, Ljubljana (2004), Slovene-Austrian-Hungarian-Italian-Croatian Meeting of Young Statistician, Segau (2005), Applied Statistics, Ribno (2005), Slovene-Austrian-Hungarian-Italian-Croatian Meeting of Young Statistician, Opatija (2006), Applied Statistics, Bled (2006), Slovene-Austrian-Hungarian-Italian-Croatian Meeting of Young Statistician, Piran (2007), Applied Statistics, Ribno (2007), Applied Statistics, Ribno (2008), Slovene-Austrian-Hungarian-Italian-Croatian Meeting of Young Statistician, Balatonfüred (2008), Slovene-Austrian-Hungarian-Italian-Croatian Meeting of Young Statistician, Basovizza (2009), 4th European Conference of Methodology, Potsdam (2010), Slovene-Austrian-Hungarian-Italian-Croatian Meeting of Young Statistician, Vora (2010)

INVITED AND PLENARY CONFERENCE PRESENTATIONS

1986, 1990, 1992: Workshop on Graphical Association Models, Wiesbaden. 1988: Workshop on Graphical Association Models, Aalborg. 1995: Workshop on the Analysis of Large Data Sets, Oxford; International Conference on Statistics and Methodology, Preddvor. 1996: Workshop on Latent Variable Models, Wiesbaden; Conference on Statistics and Social Science, State College. 1997: Symposium on the Analysis of Categorical Data, Tilburg. 1998: Conference on Statistical Issues in the Social Sciences, Stockholm. 1999: Workshop on Conditional Independence Structures and Graphical Models, Toronto, Seminar on Relating Causal Structure to Conditional Independence Structure, Toronto. 2000: 5th International Conference on Social Science Methodology, Köln (two talks), Research Kitchen on Learning Graphical Models, Trest, 2001: Microsimulation Methodology, Budapest, 2002: International Conference on Methodology and Statistics, Ljubljana, 2004: 24th Biennial Conference of the Society

for Multivariate Analysis in the Behavioral Sciences Jena, : 6th International Conference on Social Science Methodology, Amsterdam, 2006: COMPSTAT, Rome, 2007: HUNNET IV, Budapest

CONTRIBUTED CONFERENCE PRESENTATIONS

1984: Colloquium on Goodness-of-fit, Debrecen; COMPSTAT 84, Prague. 1985: Session of the International Statistical Institute, 1986: COMPSTAT 86, Rome; World Congress of the Bernoulli Society, Tashkent. 1987: European Meeting of Statisticians, Thessaloniki; Satellite Meeting of the EMS, Thessaloniki. 1988: International Conference on Social Science Methodology, Dubrovnik; European Meeting of Statisticians, Berlin. 1989: International Workshop on Social Science Methodology, Rügen. 1989: SoftStat 89, Heidelberg; CASOR, Dresden*. 1990: COMPSTAT 90, Dubrovnik; International Conference of the Biometric Society, Budapest. 1991: Workshop on Statistical Modelling, Utrecht; International Conference of the Psychometric Society, Trier. 1992: International Conference on Social Science Methodology, Trento. 1993: Conference on the Analysis of Categorical Longitudinal Data, State College. 1994: World Congress of the International Sociological Association, Bielefeld. 1995: International Conference on the Visualisation of Categorical Data, Köln; Workshop on Mixture Models, Aussois; H. A. David Conference, Ames. 1996: European Conference on Highly Structured Stochastic Systems, Rebild. 1997: International Conference on Statistical Analysis Based on the L1 Norm, Neuchatel; International Conference on Applied Statistics, Preddvor. 1998: Conference on Network Analysis, Barcelona*; 21st Biennial Conference of the Society for Multivariate Analysis in the Behavioural Sciences, Leuven; 13th International Workshop on Statistical Modeling, New Orleans; Workshop on Microsimulation Methodology, Cambridge*; Prague Stochastics 98, Prague; Workshop on Structural Learning in Graphical Models, Tirano; Conference of the Society for Economic Modelling, Matrafured*. 1999: Large Scale Data Analysis, Köln, International Conference on Applied Statistics, Preddvor*, HUSITA*, Budapest. 2000: ; 22nd Biennial Conference of the Society for Multivariate Analysis in the Behavioural Sciences, London; 8th Zittau Fuzzy Colloquium, Zittau*, 4th Conference on Distributions with Given Marginals and Statistical Modeling, Barcelona*; 5th International Conference on Social Science Methodology, Köln* (two talks), Conference Foundations and Applications of Statistics, Jerusalem*. 2001: 16th International Workshop on Statistical Modeling, Odense*, Conference of the Psychometric Society, Osaka*, International Symposium on Information Theory, Washington* International Conference on Applied Statistics, Ljubljana, 2002: 23rd Biennial Conference of the Society for Multivariate Analysis in the Behavioural Sciences, Tilburg, 2003: Joint Statistical Meetings, San Francisco, International Conference on Robust Statistics, Antwerp*, 2004: 6th International Conference on Social Science Methodology, Amsterdam, International Conference on Fuzzy Sets and Soft Computing in Economics and Finance, St Petersburg* , 2006: Statistical Latent Variable Models in the Health Sciences, Perugia , 25th Biannual Conference of the Society for Multivariate Analysis in the Behavioral Sciences , Budapest, 2008: 26th Biannual Conference of the Society for Multivariate Analysis in the Behavioral Sciences , Oviedo, 7th International Conference on Social Science Methodology, Naples, 2009: Conference of the European Survey Association, Warsaw, 2010: 4th European Conference of Methodology, Potsdam, Joint Statistical Meeting, Vancouver*, 180th Session of the Hungarian Academy of Sciences (*: talk presented by co-author)

COLLOQUIA PRESENTATIONS

1987: University of Wiesbaden. 1988: University of California at Los Angeles, Iowa State University, University of Madison, Wisconsin, Pennsylvania State University, Educational Testing Service. 1993: University of Michigan, Iowa State University, University of Iowa. 1994: University of Toledo, Pennsylvania State University, Educational Testing Service, Hershey Medical Center, University of Delaware. 1995: Center for Surveys and Methods (ZUMA), University of Toledo, University of Pennsylvania, University of Delaware, Hershey Medical Center, Pennsylvania State University,

University of Iowa, University of Illinois at Urbana-Champaign. 1996: Center for Surveys and Methods (ZUMA), University of Tilburg, University of Essex. 1997: University of Ljubljana, Gallup Research Center and University of Nebraska. 2000: University of Graz, London School of Economics. 2001: University of Perugia (two talks), University of Roma Tre, 2004: Technical University of Turin, University of Eindhoven, University of Washington, 2005: University of Washington (two talks), 2007: University of Ljubljana. 2008: University of Washington, 2010: University of Maryland, University of Nebraska, University of Washington, New York University

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