

## Curriculum Vitae

Catherine (Kate) Michalopoulou

### Contact details

Department of Social Policy  
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### ACADEMIC QUALIFICATIONS

- 1984:** Ph.D. in Mathematical Statistics, University of London, The London School of Economics and Political Science, Department of Statistics and Mathematical Sciences  
Ph.D. Dissertation title: *Adaptive Estimation Using Order Statistics of Sub-samples*  
Supervisor: Dr. M. Knott
- 1979:** M.Sc. in Statistics, University of London, The London School of Economics and Political Science, Department of Statistics and Mathematical Sciences  
M.Sc. Thesis title: *An Investigation of Some Bayesian Rank Methods*  
Supervisor: Dr. M. Knott
- 1978:** Diploma in Statistics, The London School of Economics and Political Science, Department of Statistics and Mathematical Sciences
- 1977:** Ptychion (a four year B.Sc.) in Mathematics, National and Kapodistrian University of Athens, Department of Mathematics

### APPOINTMENTS

- 2016–present:** Professor of Statistics, Department of Social Policy, Panteion University of Social and Political Sciences, Athens
- 2004–2016:** Associate Professor of Statistics, Department of Social Policy, Panteion University of Social and Political Sciences, Athens
- 1993–2004:** Assistant Professor of Statistics, Department of Social Policy (formerly Department of Social Policy and Social Anthropology), Panteion University of Social and Political Sciences, Athens
- 1990-1993** Assistant Professor (teaching contract), Department of Social Policy and Social Anthropology, Panteion University of Social and Political Sciences, Athens
- 1985–1998:** Associate Researcher of Statistics, Institute of Political Sociology, The National Centre for Social Research, Athens
- 1984–1985:** Professor (teaching contract), Technological and Educational Institute of Piraeus

## TEACHING

- 2015–present:** **Graduate courses:** Statistical Methods in Social Research-I (Department of Social Policy, Panteion University of Social and Political Sciences)
- 2006-2015** Methodology of Empirical Research-I (Department of Political Science and History, Panteion University of Social and Political Sciences)  
Statistical Methods in Social Research-I, Sample Survey Methods in Social Research (Department of Social Policy, Panteion University of Social and Political Sciences)
- 2006–present:** **Undergraduate courses:** Statistics II- Sample Survey Theory and Practice, Statistical Inference, SPSS I- seminar (Department of Social Policy, Panteion University of Social and Political Sciences)
- 2004–2005:** **Graduate courses:** Methodology of Social Surveys (Department of Political Science and History, Panteion University of Social and Political Sciences)  
**Undergraduate courses:** Introduction to Sample Survey Theory and Practice (Department of Social Policy, Panteion University of Social and Political Sciences)
- 2002–2005:** **Graduate courses:** Methodology of Empirical Social Research, Methodology-Quantitative Methods (Department of Social Policy and Department of Social Anthropology, Panteion University of Social and Political Sciences)
- 1993–2004:** **Undergraduate courses:** Introduction to Statistics-Descriptive Statistics, Introduction to the Theory of Empirical Social Research, Introduction to Sample Survey Theory and Practice, Statistical Inference and SPSS-seminar (Department of Social Policy and Social Anthropology, Panteion University of Social and Political Sciences)
- 1993–1994:** **Undergraduate courses:** Methodology and Statistics of Social Surveys (Department of Political Sciences, University of Athens)
- 1990–1993:** **Undergraduate courses:** Introduction to Statistics-Descriptive Statistics, Introduction to the Theory of Empirical Social Research, Introduction to Sample Survey Theory and Practice, Statistical Inference, SPSS-seminar (Department. of Social Policy and Social Anthropology, Panteion University of Social and Political Sciences)
- 1984–1985:** **Undergraduate courses:** Programming I-BASIC, Programming II-FORTRAN (Technological and Educational Institute of Piraeus)

## RESEARCH EXPERIENCE

- 7-9, 2015:** Translation in English according to the requirements for comparability of the 2011 Greek census documents (interviewers' instructions and coding schemes) for the inclusion of the microdata for Greece in the Integrated Public Use Microdata Series International (IPUMS-International) available by the Minnesota Population Centre at the University of Minnesota.
- 2012–2014:** Participation in the designing and analysis of the evaluation project on primary health care (Labour Institute of Greek Trade Unions).
- 2006–2008:** Participation in the designing and analysis of the evaluation project on active labour market policies in the certain prefectures (Labour Institute of Greek Trade Unions).  
Participation in the designing and analysis on the Female Genital Mutilation (FGM) and health issues of the African women living in Athens (Greek-Sudanese Friendship Organization, Labour Institute of Greek Trade Unions in cooperation with the EuroNet-FGM).

- 2005–2006:** Translation in English according to the requirements for comparability of the Greek census documents (questionnaires, interviewers' instructions, coding schemes) for 1971, 1981, 1991 and 2001 for the inclusion of the microdata for Greece in the Integrated Public Use Microdata Series International (IPUMS-International) available by the Minnesota Population Centre at the University of Minnesota.
- 2001–2002:** Participation in the National Centre for Social Research (NCSR) research group (Professor E. Panagiotatou, Directress of NCSR, E. Manologlou, A. Markou, I. Sagias) for the preparation of the first face of the European Social Survey (ESS). Responsible for the analytical research design: report on the sampling design (area sample) and presentation of non-response data from Greek surveys; reports (3) commenting on the questions and their execution; presentation of Greek contextual data on nationality, religion and language; report on the planning, organization and execution of the fieldwork and especially the implementation of the sampling design in the field (construction of sampling frames, sample selection, response, instructions); report on the execution of the supplementary questionnaire; reviewer of the two translations of both questionnaires and preparation of the final versions. NCSR' decision for a private company to undertake the execution of the survey (second face) and my strongly objecting to such a practice did not permit me to participate in the second face of the program.
- 1995–1998:** Head investigator of the NCSR research group (P. Tsartas, M. Giannesopoulou, P. Kafetzis, E. Manologlou, E. Tsakiri, A. Markou, E. Prontzas) of the program titled 'Greek and Balkan relations: the impact of xenophobia on the economic and social development of Northern Greece- Macedonia'. (EU: Program EPET II). This study had a dual purpose: on the one hand, it examined the phenomenon of xenophobia by looking into "otherness", that is the presence of the "other", the "foreigner", in the collective images and concepts of the population, and by systematically describing the attitudes of the local population towards foreigners, especially those from the Balkan countries; on the other hand, it examined the process of development in the region of Macedonia focusing on its economic and social relations with the Balkan and Eastern European countries. Methodologically, three different levels of empirical observation were combined: a large-scale sample survey among the population of Macedonia; a study of key-informants (businessmen, representatives of public and professional organizations, development companies, non-governmental organizations and university professors); an anthropological case study in a Macedonian area with a distinct ethnic and cultural identity and a specific organization of its everyday life.
- 1996–1997:** Consultant of the Greek research group (Associate Professor O. Stasinopoulou, Head) at the Centre of Social Morphology and Social Policy (Panteion University of Social and Political Sciences) working on the investigation of the voluntary sector and the construction of a data basis for the Southern European countries (VOLMED).
- 1992–1993:** Responsible for the planning (sampling and questionnaire design), analysis and presentation of the report of the survey on the attitudes towards linguistic minorities, that was carried out on a national sample of 1200 persons on May 1993 (Professor C. Tsoukalas, Head, program EU-Lambrakis Institute of Studies).
- 1989–1993:** Participation in NCSR research group (Professor C. Tsoukalas, I. Nikolakopoulos) on the quality of attitude and opinion measurement (Professor F. Andrews and Professor W. Saris, Head of the international project), the execution of MTMM-studies on the satisfaction of life, work etc. questions and experiments on the twelve questions-trends of the *Eurobarometer*. In January 1990, I wrote the "Report on the Greek Eurobarometer public opinion survey" (to Professor K. Reif) where the problems of the Greek translation of the questions-trends were presented along with an evaluation of the question on political interest based on the results of the three consecutive surveys conducted by NCSR (May

1988, May 1989 and April 1990). In March 1990 an experiment was carried out on the different versions of the satisfaction from life, work, etc. questions but our participation in the project was discontinued due to lack of funds. This international research effort led to the organization of the ESS.

- 1989–1990:** Participation in the NCSR research group (Professor C. Tsoukalas, Head), responsible for the planning designing and execution of the three consecutive national surveys on political culture and political behaviour that were carried out before the national elections of May 1989 (on a sample of 2000 persons), October 1989 (on a sample of 1200 persons) and March 1990 (on a sample of 1200 persons), conducting also a series of theoretical-methodological tests.
- 1987–1989:** Participation in the joint NCSR (Professor C. Tsoukalas, Head) and French-Observatoire Interregional du Politique (OIP) research program on political sociology and the investigation of the methodological prerequisites for comparative research. For this project the next two mentioned surveys were used.
- 1987–1988:** Participation in the NCSR research group (I. Nikolakopoulos and M. Pantelidou-Malouta, Head), responsible for the planning, design and execution of the survey on political behavior of women that was carried out on a national sample of 3000 persons (2000 women and 1000 men), on May 1988, conducting also a series of theoretical-methodological tests
- 1985–1987:** Participation in the NCSR research group (Professor G. Mavrokordatos and I. Nikolakopoulos), responsible for the planning, designing and execution of the comparative (Greece, Italy, Spain and Portugal) survey on political culture in the countries of Southern Europe, that was carried out on a national sample of 1998 persons on May 1985.

## PUBLICATIONS

### *Books*

- Dimoulas, C. and Michalopoulou, K. (2008). *Active Labour Market Policies: The Case of Local Integrated Actions in the Prefectures of Arta, Thesprotia, Preveza, Larissa and Fthiotida* (Studies no 28). Athens: Labour Institute of Greek Trade Unions, The Confederation of Greek Trade Unions (in Greek).
- Michalopoulou, K. (2004). *In the Empire of Indications: The History of Sampling Practice in Greece*. Athens: Papazisis (in Greek, abstract and contents in English).
- Michalopoulou, A., Tsartas, P., Giannesopoulou, M., Kafetzis, P. and Manologlou, E. (Eds.) (1998). *Macedonia and the Balkans: Xenophobia and Development*. Athens: Alexandria Publications-The National Centre for Social Research (in Greek, abridged English edition 1999).
- Michalopoulou, K. (1992). *Scales of Attitude Measurement*. Athens: Odysseas (in Greek).

### *Journal Articles*

- Michalopoulou, C. and Symeonaki, M. (2017). Improving Likert scale raw scores interpretability with k-means clustering. *Bulletin de Méthodologie Sociologique*, 135, 101-109. doi: 10.1177/0759106317710863
- Michalopoulou, C. (2017). Likert scales require validation before application — Another cautionary tale. *Bulletin de Méthodologie Sociologique*, 134, 5-23. doi: 10.1177/0759106317693786
- Michalopoulou, C. and Mimis, A. (2017). Celebrating the establishment, development and evolution of statistical offices worldwide: A tribute to John Koren. *Statistical Journal of the IAOS*, 33(2), 337-372. doi: 10.3233/SJI-161028

- Michalopoulou, C. (2016). Statistical internationalism: From Quetelet's census uniformity to Kish's cross-national sample survey comparability. *Statistical Journal of the IAOS*, 32(4), 545-554. doi: 10.3233/SJI-160960
- Symeonaki, M., Stamatopoulou, G. and Michalopoulou, C. (2016). Intergenerational educational mobility in Greece: Transitions and social distances. *Communications in Statistics-Theory and Methods*, 45(6), 1710-1722. doi: 10.1080/03610926.2014.957857
- Michalopoulou, C. (2015). Professional independence and accountability of statistical agencies are crucial: A brief history of the Greek official statistics. *Statistical Journal of the IAOS*, 31(4), 507-512. doi: 10.3233/SJI-150940
- Michalopoulou, C. (2015). The implementation of the ten United Nations Fundamental Principles of Official Statistics: A comment. *Statistical Journal of the IAOS*, 31(3), 373-374. doi: 10.3233/SJI-150911
- Symeonaki, M., Michalopoulou, C. and Kazani, A. (2015). A fuzzy set theory solution to combining Likert items into a single overall scale (or subscales). *Quality & Quantity*, 49(2), 739-762. doi: 10.1007/s11135-014-0021-z
- Michalopoulou, C. (2014). A unique collaboration: Prominent statisticians' survey work in Greece in 1946. *The American Statistician*, 68(3), 196-203. doi: 10.1080/00031305.2014.920276
- Michalopoulou, C. (2013). A historical appraisal of Greek survey sampling practices. *Statistical Journal of the IAOS*, 29(4), 259-268. doi: 10.3233/SJI-130790. (Highlighted paper in the Editorial.)
- Michalopoulou, C. (2012). Adventures in translating terms of survey theory and practice in social investigations and the non-existent "statistical error": An annotated English-Greek glossary. *The Greek Review of Social Research*, 137-138 (A-B), 3-49 (in Greek). doi: 10.12681/grsr.5
- Voulgaris, G., Dodos, D., Kafetzis, P., Liritzis, C., Michalopoulou, K., Nikolakopoulos, I., Spourdalakis, M. and Tsoukalas, C. (1995). Perception and confrontation of the "other" in Greece today. *Greek Political Science Review*, 5, 81-100 (in Greek).
- Michalopoulou, K. (1990). Sampling opinions and behavior: Stratum I. *The Greek Review of Social Research*, 75A, 88-106 (in Greek). doi: 10.12681/grsr.882
- Dodos, D., Kafetzis, P., Michalopoulou, K., Nikolakopoulos, I. and Papliakou, V. (1990). Political culture of the Southern European countries: comparative tables. *The Greek Review of Social Research*, 75A, 107-151 (in Greek). doi: 10.12681/grsr.883
- Michalopoulou, K. (1988). Discriminant analysis for the estimation of the electoral influence of the political parties based on sample data. *The Greek Review of Social Research*, 69A, 67-81 (in Greek). doi: 10.12681/grsr.903
- Mavrogordatos, G., Nikolakopoulos, I., Dimitrakos, D., Dodos, D., Kafetzis, P., Katopodi, C., Metaxopoulos, A., Michalopoulou, K., Papliakou, V. and Steka-Papadaki, V. (1988). Comparative research on the political culture of the Southern European countries: Introductory notes. *The Greek Review of Social Research*, 69A, 5-23 and 127-158 (in Greek). doi: 10.12681/grsr.903

#### *Edited Works: Contributions*

- Charalampi, A., Michalopoulou, C. and Richardson, C. (2016). Investigating the structure of Schwartz's human values scale. In J.R. Bozeman, T. Oliveira and C.H. Skiadas (Eds), *Stochastic and Data Analysis, Methods and Applications in Statistics and Demography* (pp. 589-609). ISAST.
- Stamatopoulou, G., Symeonaki, M., and Michalopoulou, C. (2016). Occupational and educational gender segregation in Southern Europe. In J.R. Bozeman, T. Oliveira and C.H. Skiadas (Eds), *Stochastic and Data Analysis, Methods and Applications in Statistics and Demography* (pp. 611-619). ISAST.
- Prokou, E., Michalopoulou, C., and Antonopoulou, A. (2015). Explorando las cuestiones de "igualdad"

- y “eficiencia” en el sistema binario de educación superior en Grecia, desde 1980 hasta 2000” [Exploring the issues of “equity” and “efficiency” in the binary system of higher education in Greece, from the early 1980s up to the late 2000s]. In Bravo-Moreno A. (Ed.) *Desigualdades, Diferencias y Experiencias de (no) Pertenencia en Educación* (pp.195-224). Bern: Peter Lang Academic Publishers.
- Michalopoulou, C. (2012). Comparability issues of the IPUMS-International micro-data for Greece, 1971-2001. In T.S. Stavrou (Ed.), *Modern Greek Studies Yearbook, Vol. 22/23, 2006/2007* (pp. 175-197). Minneapolis, MN: University of Minnesota.
  - Michalopoulou, K. (1998). The design of the empirical social survey: three methodological approaches. In C. Michalopoulou, P. Tsartas, M. Giannesopoulou, P. Kafetzis and E. Manologlou (Eds.), *Macedonia and the Balkans: Xenophobia and Development* (pp. 131-170). Athens: Alexandria Publications-The National Centre for Social Research (in Greek and pp. 47-64 in the abridged English edition of 1999).
  - Kafetzis, P., Michalopoulou, K., Manologlou, E. and Tsartas, P. (1998). Empirical dimensions of xenophobia. In C. Michalopoulou, P. Tsartas, M. Giannesopoulou, P. Kafetzis and E. Manologlou (Eds.), *Macedonia and the Balkans: Xenophobia and Development* (pp. 171-222). Athens: Alexandria Publications-The National Centre for Social Research (in Greek and pp. 65-99 in the abridged English edition of 1999).
  - Dodos, D., Kafetzis, P., Michalopoulou, K. and Nikolakopoulos, I. (1996). Racism and xenophobia in Greece: A comparative study, 1988-92. In *Dimensions of Social Exclusion in Greece* (pp.321-343). Athens: The National Centre for Social Research, Athens (in Greek).

#### *Conference Presentations*

- Charalampi, A., Michalopoulou, C. and Yfanti, A. (2017). Investigating the structure of the 2006 European Social Survey measurement of wellbeing. Paper presented at the 13<sup>th</sup> Conference of the European Sociological Association, Athens, August-September, 29-1.
- Yfanti, A., Michalopoulou, C. and Charalampi, A. (2017). The impact of applying alternative definitions to the European Union Labour Force Survey measurement of the unemployment rate for Southern Europe 2008-2014. Paper presented at the 13<sup>th</sup> Conference of the European Sociological Association, Athens, August-September, 29-1.
- Yfanti, A., Michalopoulou, C., Mimis, A. and Zachariou, S. (2017). Investigating Southern Europeans’ perceptions of their employment status. Paper presented at the 17<sup>th</sup> ASMDA International Conference, London, June, 6-9.
- Symeonaki, M., Kazani, A. and Michalopoulou, C. (2017). A neuro-fuzzy approach to measuring attitudes. Paper presented at the 17<sup>th</sup> ASMDA International Conference, London, June, 6-9.
- Bagavos, C. and Michalopoulou, C. (2015). Fertility and partner’s educational attainment: Trends and differentials in times of economic crisis. Poster presented at the International Conference on Education and Reproduction in Low-fertility Settings (EDUREP), Vienna, December, 2-4.
- Stamatopoulou, G., Symeonaki, M., and Michalopoulou, C. (2015). Occupational and educational gender segregation in Southern Europe. Paper presented at the 16<sup>th</sup> ASMDA International Conference, Piraeus, Greece, June-July, 30-4.
- Charalampi, A., Michalopoulou, C. and Richardson, C. (2015). Investigating the structure of Schwartz’s human values scale. Paper presented at the 16<sup>th</sup> ASMDA International Conference, Piraeus, June-July, 30-4.
- Prokou, E. and Michalopoulou, K. (2015). Investigating the “efficiency” of the binary system of higher education in Greece based on graduates’ employment: Evidence from the European Social Survey before and during the economic crisis. Paper presented at the 36<sup>th</sup> Annual Conference of the International Working Party on Labour Market Segmentation (IWPLMS), Athens, June, 22-24.

- Symeonaki, M., Michalopoulou, C. and Stamou, G. (2013). An attitude scaling application of fuzzy sets to profile analysis. Poster presented at the 6<sup>th</sup> International Conference of ERCIM, London, December, 14-16.
- Stamatopoulou G., Symeonaki M. and Michalopoulou, C. (2013). Intergenerational transmission of education in Greece: Evidence from the European Social Survey 2002-2010. Poster presented at the 15<sup>th</sup> ASMDA International Conference, Barcelona, June, 25-28.
- Symeonaki M., Stamatopoulou G. and Michalopoulou, K. (2012). Intergenerational occupational mobility in Greece: Evidence from EU-SILC. Paper presented at the International Demographics Workshop, Chania, Greece, June, 5-8.
- Symeonaki, M. and Michalopoulou, K. (2011). Measuring xenophobia in Greece: A cluster analysis approach. Paper presented at the 14<sup>th</sup> ASMDA International Conference, Rome, June, 7-10.
- M. Symeonaki, M., Kazani, A. and Michalopoulou, K. (2011). Fuzzifying Likert scales with factor analysis techniques. Paper presented at the 4<sup>th</sup> International Conference of ERCIM, London, December, 17-19.

#### *Other Publications*

- Michalopoulou, K. (2009). In Greece, the access to the official statistics data bases is equally overpriced as a cup of coffee. *Current Issues*, 105, 6-7 (in Greek).
- Michalopoulou, C. (2008). Comparability issues in the Greek census microdata, 1971-2001. Paper presented at the Workshop on IPUMS-International database, Athens, March 18, 20. (Available online at <http://www.hist.umn.edu/~rmccaa/ipums-europe/>.)
- Ahmed, S., Canfield, C., Mazoub, M., Criatsioti, V., Titaki, M. and Michalopoulou, K. (2008). *Female genital mutilation and the health issues of the African women living in Athens*. Athens: Greek-Sudanese Friendship Organization (report in Greek, questionnaires in English and Arabic).
- Michalopoulou, K. (2007). New academic ethics: “I did copy from your book, but it would serve as a citation to your work?”. *Current Issues*, 97, 80-81 (in Greek).
- Michalopoulou, K. (2005). The methodology of interviewing as Eurovision lyrics. *Current Issues*, 90, 16 (in Greek).
- Michalopoulou, K. (2004). The story of a temporary statistical independence. *Current Issues*, 87, 16 (in Greek).
- Michalopoulou, K. (2004). The improbability of the Greek opinion polls and the abolition of a branch of Statistics. *Current Issues*, 84, 11 (in Greek).

## **PROFESSIONAL ACTIVITIES**

### *Editorial*

- Associate (History) Editor, *Statistical Journal of the IAOS* (since 2015)

### *Reviewing*

- *Revista Internacional de Sociología* (since 2017)
- *Social Indicators Research* (since 2013)
- *The Greek Review of Social Research* (1998-2002)

## **SUPERVISING DOCTORAL DISSERTATIONS (provisional titles)**

- Charalampi, Anastasia. Investigating the structure of Schwartz's human values scale (in English).
- Malapani, Heleni. Small-area estimation of unemployment (in Greek).
- Oikonomaki, Maria. The impact of definitions and classifications in the overtime comparability of the Greek Household Budget Survey data (in Greek).
- Tsouparopoulou, Eva. Non-response bias in survey sampling (in English).
- Yfanti, Aggeliki. The implications of applying alternative definitions for the measurement of unemployment to sub-populations and regions (in English).