

# **CURRICULUM VITAE**

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## **Titles awarded:**

- 1992 PHD Doctor of Philosophy in Statistics and Demography, Department of Statistics, University of Lund, Sweden.
- 1988 PHL Licentiate of Philosophy in Statistics and Demography, Department of Statistics, University of Lund, Sweden.
- 1983 MSc Master of Social Sciences in Statistics, Department of Statistics, University of Lund, Sweden.
- 1978 PHC Candidate of Philosophy in Statistics, Mathematics and Computer Science, University of Lund, Sweden.

## **Teaching and research activity:**

### **Present position**

2009- Associate Professor, Department of Statistics, Athens University of Economics and Business. Athens, Greece

### **Previous positions**

- 2003- 2008 Assistant Professor, Department of Statistics, Athens University of Economics and Business. Athens, Greece
- 1998-2003 Lecturer, Department of Statistics, Athens University of Economics and Business. Athens, Greece
- 1992-1998 Associate Lecturer, Department of Statistics, Athens University of Economics and Business. Athens, Greece
- 1995-1997 Researcher at the Experimental Institute of Vocational Training and Employment. Athens, Greece.
- 1988-1995 Researcher at the National Center of Social Research, Athens, Greece.
- 1987-1890 Lecturer, Department of Statistics, University of Lund, Sweden.
- 1983-1987 Teaching and Research Assistant, Department of Statistics, University of Lund, Sweden..
- 1979-1981 Researcher, Research Unit, Insurers Union of Greece. Athens

## **Papers published in peer-reviewed journals**

1. 1991: ***Kostaki, A.***: "The Helignman - Pollard Formula as a Tool for Expanding an Abridged Life Table". ***Journal of Official Statistics*** Vol. 7, No 3, pp. 311-323.
2. 1992: ***Kostaki A.***: "A Nine-Parameter Version of the Heligman-Pollard Formula". ***Mathematical Population Studies***, Vol. 3, No. 4, pp. 277-288.
3. 1995: ***Balourdos, D., Kappi, C., Kostaki, A., Papatheodorou, C.***: "Income distribution of the households in the area of Athens". ***TOPOS***, Vol. 1/90 pp 109-135.
4. 1995: ***Kostaki A., Papatheodorou C., Kappi C., Balourdos D.***: "Dimensions of Poverty in the area of Athens". ***Journal of Social Research***, Vol. 88, pp. 60-99.

5. 1997: **Ioakimoglou I, Kostaki A.**: "The Influence of demographic factors in long-term unemployment". *Journal of Social Research*, Vol. 94, pp 185-200.
6. 2000: **Kostaki A., Lanke J.** «Degrouping mortality data for the elderly» *Mathematical Population Studies*, Vol. 7(4), pp. 1-11.
7. 2000: **Ketsetzopoulou M, Kostaki A.** "Investigation of the influence of demographic characteristics of employable people in their participation in employment. *Review of Decentralization Local Government and Regional Development*, Vol. 19, pp. 35-44
8. 2000: **Kostaki A.** «A relational technique for estimating the age-specific mortality pattern from grouped data Table» *Mathematical Population Studies*, Vol. 9(1), pp. 83-95.
9. 2001: **Kostaki A., Panousis, E.** "Methods of expanding abridged life tables: Evaluation and Comparisons" *Demographic Research*, Vol 5(1) pp 1-15.
10. 2001: **Karlis D., Kostaki A.** "Bootstrap techniques for mortality models" *Biometrical Journal*, Vol. 44(7) pp 850-866.
11. 2003: **Stavrianos, S.D., Fellows, S., McLean, N.R., Kelly, C.G., Soames, J.V., Kostaki A.**: "Microvascular Histopathology in head and neck oncology" *British Journal of Plastic Surgery*, Vol. 56, pp 140-144.
12. 2004: **Kostaki A., Papatheodorou C., Peristera, V.**: "Kernel Density Techniques as a Tool for Estimating and Comparing Income Distributions: A Cross European-Country study." *Journal of Income Distribution*, Vol 13(1-2) 18-43.
13. 2005: **Dimaki A., Kaminioti O., Kostaki A., Psarakis S. Tsourti Z.** "Educational and Occupational Preferences of Senior High School Students in Urban Areas." *Education and Training*. Vol 47(6), pp. 432-446.
14. 2005 **Kostaki, A., Peristera V.** " Graduating mortality data using Kernel techniques: Evaluation and comparisons" *Journal of Population Research*. Vol 22(2) pp 185-197.
15. 2006: **Manousaki, A., Manios, A., Tsompanaki, E., Tsiftsis, D., Kostaki, A., Toska, A.** "A simple digital image processing system to aid in melanoma diagnosis in an everyday melanocytic skin lesion unit" *International Journal of Dermatology*. Vol. 45, pp. 402-410.
16. 2006: **Peristera, P., Kostaki, A.** "Modeling fertility in modern populations" *Demographic Research*. Vol. 16(6), pp 141-196.
17. 2006: **Kostaki, A., Lanke, J., Peristera, P.** "Modeling the relationship between male and female mortality patterns" to appear in *Demographic Research*.
18. 2009: **Kostaki, A., Moguerza, M.J., Olivares, A., Psarakis, S.** Graduating the age-specific fertility pattern using Support Vector Machines. *Demographic Research.*, Vol 20(25) 599-622. <http://www.demographic-research.org/Volumes/Vol20/25/default.htm>
19. 2009 **Kostaki, A., Kotzamanis, B., Agorastakis, M.** Effects of immigration on population growth and structures in Greece – A spatial approach Vienna. *Yearbook of Population Research*, pp. 167-195  
<http://www.oeaw.ac.at/vid/publications/VYPR2009/VYPR2009.shtml>

20. 2010 **Kostaki, A., Lanke, J., Peristera, P.** "Modeling the relationship between male and female mortality patterns" to appear in **Journal of Population Aging**

21. 2010 **Kostaki, A., Moguerza, M.J., Olivares, A., Psarakis,** "Support Vector Machines as tools for Mortality Graduations" to appear in **Canadian Studies in Populatio**

### **Selected papers published in peer reviewed conference proceedings**

1. 1998: **Kostaki, A., Ioakimoglou I.** «Demographic factors affecting long-term unemployment in Greece» Proceedings of the International Labour Market Conference, Aberdeen, Scotland, Ιούλιος 1998.
2. 1998: **Panouisis, E., Kostaki, A.**: Expanding abridged life tables Proceedings of the 4th Hellenic European Conference on Computer Mathematics and its Applications editor E.A.Lipitakis V.1
3. 1998: **Lytrokapi, A., Kostaki, A.** "Parametric models of Mortality: Their use in Demography and Actuarial Science" 4th Hellenic European Conference on Computer Mathematics and its Applications editor E.A.Lipitakis V.1
4. 2001: **Andritsos, I., Kostaki A.** "Mortality in Balkan countries: Comparisons through time and space" Proceedings of the 5th Hellenic European Conference on Computer Mathematics and its Applications
5. 2001: **Peristera V, Kostaki A.** " Graduating mortality via Kernels" Technical report, No 154 Department of Statistics, Athens University of Economics and Business, Proceedings of the 5th Hellenic European Conference on Computer Mathematics and its Applications
6. 2004: **N. Rossolimos, P. Aggeli, H. Vasiliou, M. Theofilopoulou, S. Balas, K. Papadimitriou, A. Kostaki, S. Psarakis** Helicobacter pilori infection and duodenogastric reflux. Proceedings of the XVIIth International Workshop Gastrointestinal Pathology and Helicobacter. Vienna. Helicobacter, Volume 9, Page 496-505.

### **Selected other publications**

- 1991: "Indicators of Poverty and Adequacy of Social Security" Methodological considerations and comparative results for seven countries: Belgium, The Netherlands, Luxembourg, Ireland, Lorraine, Catalonia and Greece. For the Greek team: **Yfantopoulos J., Balourdos D., Fagadaki E., Kappi C., Kostaki A., Papaliou O., Papatheodorou C.** A publication of Centre for Social Policy, University of Antwerp, September 1991.
- 1992: **Kostaki A.**: "Methodology and Applications of the Heligman - Pollard Formula".University of Lund, KF-Sigma, Sweden.
- 1997: **Kostaki, A.**: 'Demometry' textbook for the course of "Statistical Demography", Department of Statistics, Athens University of Economics and Business.
- 1998: **Lytrokapi, A., Kostaki, A.** "Parametric models of Mortality: Their use in Demography and Actuarial Science. " Technical report No 10, Department of Statistics, Athens University of Economics and Business.

- 2000: ***Dimitratos, T., Kostaki, A.***: Methods of Estimating Infant and Childhood Mortality. Technical report No 118, Department of Statistics, Athens University of Economics and Business.
- 2001: ***Andritsos, I., Kostaki, A.*** "Mortality in Balkan countries: Comparisons through time and space" Technical report No 136, Department of Statistics, Athens University of Economics and Business.
- 2001: ***Peristera V, Kostaki A.*** " Graduating mortality via Kernels" Technical report, No 154 Department of Statistics, Athens University of Economics and Business.
- 2002: ***Kostaki, A.*** "A simple procedure as an alternative to numerical methods for estimating the parameters of Heligman-Pollard formula", Technical report No 164, Department of Statistics, Athens University of Economics and Business.