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## **EDUCATION:**

Ph.D. in Mathematics (Statistics), June 1991  
Northeastern University, Boston, MA, USA  
M.A. in Mathematics (Statistics), June 1984,  
Northeastern University, Boston, MA, USA  
B.A. in Mathematics, June 1980,  
University of Athens, Athens, Greece

## **EXPERIENCE:**

10-15 to today: Associate Professor, Department of Economic Sciences,  
University of Athens, Athens, Greece  
- teaching of graduate and undergraduate courses in Statistics and conducting research

10-07 to 9-15: Assistant Professor, Department of Economic Sciences,  
University of Athens, Athens, Greece  
- taught graduate and undergraduate courses in Statistics and conducted research

9-98 to 9-07: Lecturer, Department of Economic Sciences,  
University of Athens, Athens, Greece  
- taught undergraduate courses in Statistics and conducted research

4-96 to 8-98: Lecturer,  
National School of Public Administration & Institute of Continuing Education,  
National Center of Public Administration  
- taught of courses in Statistics, computers, questionnaire design, and opinion survey organization to state employees

8-96 to 8-98: Director of Statistics,  
V-P.R.C. Institute, Athens, Greece  
- Design, monitoring and data analysis of public opinion surveys

9-96 to 6-97: Adjunct Lecturer, Department of Mathematics,  
University of Athens, Athens, Greece  
- taught graduate courses in Applied Statistics and database design

4-94 to 8-96: Research Associate, Department of Nutrition & Biochemistry,  
National School of Public Health, Athens, Greece  
- Design, monitoring and data analysis of epidemiological studies  
- Design and development of a LAN and an RDBMS for storage and quality control of data collected during epidemiological studies

9-90 to 3-94: Senior Statistician, Frontier Science & Technology Research Foundation, Brookline, MA  
and Statistical & Data Analysis Center, Harvard School of Public Health, Boston, MA,  
USA  
- Design, monitoring and analysis of phase I and II clinical trials

1-85 to 12-93: Senior Lecturer, Department of Mathematics,  
Suffolk University, Boston, MA, USA  
- taught courses in Statistics and elementary mathematics

## RESEARCH OR CONSULTING PROJECTS:

1. International Expert in charge of the statistical Analysis for the pilot project «MEASURING WHAT MATTERS TO EU CITIZENS: SOCIAL PROGRESS IN THE EUROPEAN REGIONS», European Commission, DG Regio (2018 – 2019).
2. Consultant/International Expert on sampling design, data clean-up and analysis, for the Late Payment Directive (Project ref. 2231), for the European Commission (2015).
3. International Expert in charge of sampling design, data clean-up and analysis, for the Albanian R&D and Innovation Survey (2013).
4. International Expert in charge of sampling design for the “Study on international mobility and researchers' career development / X13 – SIM ReC”, (2011 – 2012).
5. Statistical Expert for the “ISTpact - Study into the impact of FP6 IST”, a project funded by the European Commission, (2011).
6. International Expert in charge of sampling design and data quality control for the MORE project of the European Commission. (2009 – 2010)
7. International expert of the European Commission for the EUROMED Project in charge of seminars and consulting in sampling techniques. (2008)
8. Principal investigator in charge of sampling design and data quality control for the EPETE project of the GSRT. (2008 – 2009)
9. Consultant of the Hellenic Commission of Telecommunications and Post for the first class mail characteristics and quality studies. (2003)
10. Principal investigator in charge of sampling design and data quality control for the 3<sup>rd</sup> Community Innovation Survey of EC in Greece. (2002)
11. Principal investigator of a study for the Hellenic Securities and Exchange Commission, which had as an objective the study of differences in the total wealth of various groups of investors investing in the Athens Stock Exchange, during the period of October 1999 through March 2003.

## PUBLICATIONS:

### IN REFERREED JOURNALS OR BOOKS/VOLUMES:

1. Bassiakos, YC, Meng, XL, & Lo, SH (1991) "*A Shift Estimator for the Treatment Effect, when the Data are Heavily Censored*", *Biometrika*, **78**, pp. 741-748.
2. Meng XL, Bassiakos YC, & Lo SH, (1991), "*Large Sample Properties for a General Estimator of the Treatment Effect in the Two-Sample Problem with Right Censoring*", *Annals of Statistics*, **19**, pp. 1786-1812.
3. Bassiakos YC, (1992), "*Optimal Choice for a Hodges-Lehmann Type Estimator in the Two-Sample Problem with Censoring*", in *Computational Statistics*, Y. Dodge & J. Whittaker Eds., Springer-Verlag, New York, pp. 79-83.
4. Meng TC, Fischl MA, Boota AM, Spector SA, Bennett DV, Bassiakos YC, Lai SH, Wright B, and Richman DD, (1992), "*Combination Therapy with Zidovudine and Dideoxycytidine in Patients with Advanced Human Immunodeficiency Virus Infection*", *Annals of Internal Medicine*, **116**, pp. 13-20.
5. The Bolus Alteplase Pulmonary Embolism Group<sup>1</sup>, (1994), "*Reduced Dose Bolus Alteplase Versus Conventional Alteplase Infusion for Pulmonary Embolism Thrombolysis: an International Multicenter Randomized Trial*", *CHEST*, **106** pp. 718-724.
6. Jacobson MA, Kramer F, Bassiakos YC, Hooton T, Polsky B, Geheb H, O'Donnell J, Walker JD, Korvick JA, and Van der Horst C, (1994), "*Randomized Phase I Trial of two Different Combinations of Foscarnet and Ganciclovir Chronic Maintenance Therapy Regimens for AIDS Patients with CMV Retinitis: ACTG protocol 151*". *The Journal of Infectious Diseases*, **Vol. 170, No. 1** pp. 189-193.

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<sup>1</sup>Goldhaber SZ, Bassiakos YC, Braunwald E, Elliot CG, Feldstein ML, Geerts WH, Haire WD, Kessler C, Marini C, Parker JA, Visani L.

7. Bassiakos YC, Feldstein ML, Fenton T, Geheb H, (1995) *Current Methods and Future Trends in the Design and Analysis of Phase I and Phase I/II Clinical Trials in AIDS*, D. Finkelstein & D. Schoenfeld Eds., John Wiley, New York, pp. 103-116.
8. Reichman RC, Morse CD, Demeter LM, Resnick I, Bassiakos YC, Fischl MA, Para M, Powderly W, Leedom J, Greisberger C, Nevin T, Wood K, Meehan PM, Geheb H, Cox S, Batts D, Timpone J, and the ACTG 199 Team, (1995), *Phase I Study of Ateviridine, a Non-Nucleoside Reverse Transcriptase Inhibitor, Given in Combination with Zidovudine*. The Journal of Infectious Diseases, **Vol. 171, No. 2** pp. 297-304.
9. Haubrich PH, Flexner C, Lederman MM, Hirsch M, Pettinelli CP, Ginsberg R, Lietman P, Hamzeh FM, Spector SA, Richman DD, Hammer S, Cooley T, Gulick R, Sullivan M, Spina C, Fraser A, Lathey J, Bassiakos Y, Chance M, Drobnes C, Coruell E, Gruel L, Raines C, Kuwahara S, McPherson J, (1995), *A randomized trial of the activity and safety of RO-24-7429 (TAT antagonist), versus nucleoside for human-immunodeficiency-virus infection*. Journal of Infectious Diseases, **Vol. 172, No. 5** pp. 1246-1252.
10. Mildvan D, Bassiakos YC, Zucker M, Hyslop Jr N, Krown S, Sacks H, Zachary J, Paredes J Fessel J, Rhame F, Kramer F, Fischl M, Poiesz B, Wood K, Ruprecht R, Kim J, Grossberg S Kasdan P, Berge P, Marshak A, and Pettinelli C, (1996), *Synergy, activity and tolerability of zidovudine and interferon-alpha in patients with symptomatic HIV-1 infection: ACTG 068*. Antiviral Therapy, **Vol. 1, No. 2**, pp.77-88.
11. Japour AJ, Lertora JJ, Meehan PM, Erice A, Connor JD, Griffith BP, Clax PA, HoldenWiltse J, Hussey S, Walesky M, Conney E, Pollard R, Timpone J, McLaren C, Johanneson N, Wood K, Booth Dk, Bassiakos Y, Crumpacker CS, (1996), *A phase-I study of the safety, pharmacokinetics, and antiviral activity of combination didanosine and ribavirin in patients with HIV-1 disease*, Journal Of Acquired Immune Deficiency Syndromes And Human Retrovirology, **Vol 13 No.3**, pp. 235-246.
12. Kopeikina LT, Kamper EF, Koutsoukos V, Bassiakos YC, Stavridis I, (1997), *Imbalance of tissue-type Plasminogen Activator (T-PA) and its Specific Inhibitor (PAI-1) in Patients with Rheumatoid Arthritis associated with Disease Activity*, Clinical Rheumatology, **Vol. 16, No. 3**, pp 1-7.
13. Trichopoulou A, Georgiou E, Bassiakos YC, Lipworth L, Lagiou P, Proukakis C, Trichopoulos D, (1997), *Energy Intake and Monounsaturated Fat in Relation to Bone Mineral Density among Women and Men in Greece*, Preventive Medicine, **26**, pp. 395-400.
14. Georgilis K, Plomaritoglou A, Dafni U, Bassiakos YC, Vemmos K, (1999), *Aetiology of fever in patients with acute stroke*, Journal of Internal Medicine, **246**, pp203-209.
15. Petty BG, Black JR, Hendrix CW, Lewis LD, Bassiakos Y, Feinberg J, Pattison DG, Hafner R (1999), *Escalating Multiple-Dose Safety and Tolerance Study of Oral WR 6026 in HIV-Infected Subjects: AIDS Clinical Trials Group 173*. Journal of Acquired Immune Deficiency Syndromes, **Vol. 21, No1**, pp. 26-32.
16. C. Vrettou, E. Kanavakis, J. Traeger-Synodinos, A. Metaxotou-Mavrommati, I. Basiakos, E. Maragoudaki, A. Stamoulakatou, I. Papassotiriou, C. Kattamis, (2000), *Molecular Studies of  $\beta$ -Thalassemia Heterozygotes with Raised Hb F Levels*, Hemoglobin **Vol. 24, No. 3** pp.203-220.
17. Morse GD, Reichman RC, Fischl MA Para M, Leedom J, Powderly W, Demeter LM, Resnick L, Bassiakos Y, Timpone J, Cox S, Batts D (2000), *Concentration-targeted phase I trials of atevirdine mesylate in patients with HIV infection: dosage requirements and pharmacokinetic studies*. Antiviral Research, **Vol 45, No. 1**, pp.47-58
18. Meintanis S, Bassiakos YC (2006), *Goodness-of-Fit Tests for Additively Closed Count Models with an Application to the Generalized Hermite Distribution*, SANKYA, **Vol 67 No. 3**, pp 538-552.
19. Bassiakos YC, Katerelos PC, (2006), *Sample size calculation for the therapeutic equivalence problem*. Communications in Statistics, Simulation and Computation, **Vol 35, No. 4**, pp 1019-1026.
20. Meintanis S, Bassiakos YC (2007), *Data-transformation and test of fit for the generalized Pareto Hypothesis*. Communications in Statistics, Theory and Methods, **Vol 36, No. 1**, pp 833-849.
21. Bassiakos, Y., Tsipouri, L., Tsounis, N., (2010), *Competitiveness and Regional Development in Greece*, International Journal of Financial Economics and Econometrics, **Vol. 2, No. 1** pp. 81-96.

22. G Labrinidis, T Maniatis, Y Bassiakos, C Passas (2010) *Issues in measuring absolute poverty: the case of Greece*, Argumentum **Vol. 2, No. 2**, 1-22H.
23. C. Maltezoua, P. Katerelos, M. Mavrouli, A. Lourida, J. G. Routsias, N. Spanakis, A. Maragos, A. Tedoma, Y. Bassiakos, G. Koratzanis, S. Mantagos, S. Metallidis, A. Katragkou, P. Nikolaidis, E. Roilides, M. Theodoridou, A. Tsakris, (2011) *Seroepidemiological study of pandemic influenza H1N1 following the 2009–2010 wave in Greece*, Vaccine **Vol. 29 No. 38**, pp. 6664– 6669
24. I. N. Papadopoulos, N. K. Kanakaris, N. Danias, D. Sabanisa, G. Konstantudakis, S. Christodoulou, Y. C. Bassiakos, C. Leukidis (2012) *A structured autopsy-based audit of 370 firearm fatalities: Contribution to inform policy decisions and the probability of the injured arriving alive at a hospital and receiving definitive care*, Accident Analysis and Prevention **Vol 50, No.1** pp. 667-677.
25. Khatib I. A., Tsipouri L., Bassiakos Y., & Haj-daoud A. (2012), *Innovation in Palestinian Industries: A Necessity for Surviving the Abnormal*, Journal of Knowledge Economy, **Vol 4, No.4** pp.492-510.
26. E. G. Marsellou, Y. C. Bassiakos, (2016), *Bankrupt households and economic crisis. Evidence from the Greek Courts*, Journal of Consumer Policy, Vol. 39, p.p. 41–62 (DOI 10.1007/s10603-015-9309-1).
27. M. D. Argyrou, Y. Bassiakos, L. Tsipouri, (2016), *Determinants of the Profitability of Greek Enterprises before and after the Crisis*, MIBES Transactions, **Vol 10, No.2**, pp. 122-139.
28. Violetta Dalla, Yannis Bassiakos & Simos G. Meintanis, (2017), *Characteristic Function-based Inference for GARCH Models with Heavy-tailed Innovations*, Communications in Statistics - Simulation and Computation, **Vol. 46, No.4**, pp. 2733-2755. DOI: 10.1080/03610918.2015.1060332.
29. Efthimia Sagri, Panagiota Koskinioti, Maria-Eleni Gregoriou, Konstantina T. Tsoumani, Yiannis C. Bassiakos & Kostas D. Mathiopoulos, (2017), *Housekeeping in Tephritid insects: the best gene choice for expression analyses in the medfly and the olive fly*, Scientific Reports | 7:45634 | DOI: 10.1038/srep45634.
30. Zhao S., Papanastassiou M., Bassiakos Y., Sinani E., Pearce R. (2018) *Unfolding the Intra-organisational Perception Gap in Decision-Making*. In: Castellani D., Narula R., Nguyen Q., Surdu I., Walker J. (eds) *Contemporary Issues in International Business*. The Academy of International Business. Palgrave Macmillan, Cham
31. Bassiakos Y., Kalogiratou Z., Monovasilis T., Tsounis N., *Computational method for approximating the behaviour of a triopoly: an application to the mobile telecommunications sector in Greece*, (2020), International Journal of Computational Economics and Econometrics (in press).

#### IN CONFERENCE PROCEEDINGS:

1. Bassiakos YC, Tricopoulou A, and Katsouyianni K, (1995), *European Programme on Cancer and Nutrition*, Proceedings of the 7th Panhellenic Statistical Conference, Nicosia, Cyprus, pp. 179-186.
2. Garas I., Pateras C., Abatzoglou E., Kakavoulis P., Mihas A., Gravas S., Koufopoulos K., Sarrou V., Hondrou A., Agelatou O., Tsitsimelis D., Papageorgiou N., Kapridaki K., De Waard F., Papavasiliou K., Basiakos I., (1998) "*Breast cancer screening in Greece*", 17th International Cancer Congress, Vol 1 and 2, 711-715.
3. Bassiakos YC, (2001) *Comparison of the first University level test (February exam period) results between students who passed the University entrance examinations with the first trial versus students who had to take the examination more than once*, Proceedings of the 14<sup>th</sup> Pan-Hellenic Statistical Congress, Athens
4. Bassiakos YC, Preza C, (2001) *Residual Weighting In Survey Sampling*, Proceedings of the Annual Meeting of the American Statistical Association, Survey Research Section, Atlanta, Georgia USA,
5. Bassiakos YC, (2002) *Study of the development of the Wealth of Investors in Athens Stock Exchange*, Proceedings of the 15<sup>th</sup> Pan-Hellenic Statistical Congress, Athens.
6. Bassiakos YC, (2005), *Investigation of the impact the factor "household basket" has on the Consumer Price Index, via simulations*. Proceedings of the 18<sup>th</sup> PanHellenic Statistical Congress, Rhodes, 291-295.

7. Bassiakos YC, (2006), *Comparison of Athens Stock Exchange Investors' wealth, using Linear Regression* Proceedings of the 19<sup>th</sup> Pan-Hellenic Statistical Conference, Kastoria, pp.363-368.
8. Bassiakos YC, (2010), *Out-of-field employment and Education: Measurement and explanation in Greece for year 2009*. Proceedings of the 23<sup>rd</sup> Pan-Hellenic Statistical Congress, Veroia, pp.200-207.
9. Bassiakos YC, (2011), *Brain Drain and Brain Gain within Eu27: Current Picture and Possible Reasons*. Proceedings of the 24<sup>th</sup> Pan-Hellenic Statistical Congress, Patras, pp.366-372.
10. Marsellou E. & Bassiakos Y, (2013), *Over-indebted Households and Poverty*, Proceedings of the 4<sup>th</sup> Annual Conference in Political Economy, International Institute for Social Studies, The Hague, The Netherlands
11. Athanassopoulou S., Bassiakos Y, Tsaltakis P., Tsipouri L., (2013) *Path dependence, subsidiarity and their impact in EU regional development policy: the case of Greece*, 6<sup>th</sup> International Conference for Entrepreneurship, Innovation and Regional Development, Istanbul, Turkey
12. Y Bassiakos, (2014), *Estimation Problems in Stratified sampling*, Proceedings of the 27<sup>th</sup> PanHellenic Statistical Congress, Athens, Greece.
13. Y. C. Bassiakos (2016) *Estimation of Simple Linear Regression Coefficients with Stratified Data*, Proceedings of the 29<sup>th</sup> PanHellenic Statistical Congress, Athens, Greece.

## **OTHER RESEARCH ACCOMPLISHMENTS**

Total number of citations (excluding self-citing): 660

### **Refereed for:**

1. Annals of Statistics
2. Journal of Non-Parametrics
3. American Journal of Materials Science
4. International Journal of Statistics and Applications
5. International Journal of Electronic Governance

### **Membership in Scientific/Organizing Committees of International Scientific Conferences:**

1. International Conference on Applied Economics 2010
2. International Conference on Applied Economics 2013
3. International Conference on Applied Economics 2017
4. GOF DAYS 2015: 2<sup>nd</sup> Workshop on Goodness of Fit and Change-point Problems

### **Member of the following Scientific Societies:**

- The American Statistical Association (since 1988)
- The Institute of Mathematical Statistics (since 1988)
- The Hellenic Statistical Institute (since 1994)

## **ADMINISTRATIVE DUTIES**

1. Director of the Sector on Quantitative Methods: Statistics & Econometrics, Department of Economic Sciences, NKUA, 9-2016 – 9-2020.
2. Director of the Concentration «Mathematical Finance & Risk Analysis» of the Graduate Programme (MA) «Applied Economics & Finance», Department of Economic Sciences, NKUA, 9 –2017 till 8–2018.
3. Director of the Graduate Programme (MA) «Quantitative Finance», Department of Economic Sciences, NKUA, 9 –2018 – today.
4. Member of the PhD Studies Committee, Department of Economic Sciences, NKUA, 6 –2016 – today.
5. Superintendent of the Grypareio Megaro, Department of Economic Sciences, NKUA, 6 –2014 – today.