

## CURRICULUM VITAE

**NAME:** Dimitrios Ioannides

**POSITION :** **Professor of Statistics**

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**DATE OF BIRTH:** March 6, 1955

### **EDUCATION:**

#### Degrees

Aristotelean University of Thessaloniki	B.S. in mathematics (1978)
University of Patras	Ph.D. in Statistics (1988)

### **POSTGRADUATE WORK:**

University of Gottingen-Germany	(1978-79)
University of Freiburg-Germany	(1979-80)

### **PROFESSIONAL EXPERIENCE:**

<u>Institution/ Location</u>	<u>Position</u>	<u>Dates:</u>
University of Patras	Teaching Assistant	(1981-1988)
University of Patras	Lecturer	(1988-1992)
University of California (Davis, CA USA)	On sabbatical leave	(1989-1990)
University of Patras	Assistant Professor	(1992-1994)
University of Macedonia	Assistant Professor	(1994-1999)

University of Macedonia Associated Professor (June 1999-present)  
University of Cyprus Visiting Professor (September 99-December 99)  
University of Rennes Visiting Professor (June 2000, September 2007)  
University of Tomsk Visiting Professor (June 2013)

**Main Field: Statistics**

**Other Research Interests:** Probability, Time Series

**Current or projected research activities:**

Theory and application in large sample. Nonparametric estimation in stochastic processes. Statistical applications in econometrics and economics. Simulating income distributions over time. Income distributions conditional on age. Consumption conditional on age. Unemployment and inflation in Greece. Rate inflation in Greece.

**Publications:**

1. G.G. Roussas and D. Ioannides (1987). "*Moment inequalities for mixing sequences of random variables*". Stochastic Analysis and Applications, 5(1), 81-120.
2. D. Ioannides and G.G. Roussas (1987). "*Note on the uniform convergence of density estimates of mixing r.v.'s*", Statistics and Probability Letters, 5, 279-285.
3. G.G. Roussas and D. Ioannides (1988). "*Probability bounds for sums in triangular arrays of r.v.'s under mixing conditions*". Statistical theory and data analysis II, K. Matusita (Editor) Elsevier Science Publishers, 293-308.
4. G.G. Roussas, L.T. Tran, and D.A. Ioannides (1992). "*Fixed design regression for time series: Asymptotic normality*". Journal of Multivariate Analysis, 10(2), 269-291.
5. D. Ioannides (1992). "*Integrated square error of nonparametric estimators of regression function: The fixed design case*". Statistics and Probability Letters, 15, 85-94.

6. D. Ioannides (1993). "*Consistent nonparametric regression: Some generalizations in the fixed design case*". Nonparametrics in Statistics, 2, 203-213.
7. D. Ioannides and P. Alevizos (1994). "*Hazard Analysis with errors in variables*". Proceedings of the IASTED Third International Conference, H. Pham and M.H. Hamza (Editors) IASTED-ACTA PRESS, 217-220.
8. D. Ioannides and P. Alevizos (1996). "*Nonparametric regression with errors in variables and applications*". Statistics and Probability Letters, 32, 35-43.
9. D. Ioannides and D. Papanastasiou (1996). "*Nonparametric estimation in Econometrics*". Nonlinear Analysis, Theory, Methods & Applications, 30, 4365-4374.
10. D. Ioannides and P. Alevizos (1996). "*Nonparametric estimation in time series with measurement errors*". Nonlinear Analysis, Theory, Methods & Applications, 30, 3539-3547.
11. D. Ioannides and G.G. Roussas (1999). "*Exponential Inequality for Associated Random Variables*". Statistics and Probability Letters, 421, 423-431.
12. D. Ioannides and E. Matzner (1998). "*Estimation du mode conditionné lorsque les données sont entachées d'erreur*". Proceedings of XXX Journée de Statistique.
13. D. Ioannides (1998). "*Prediction in Markov Processes via Estimation of the Conditional Mode*". Proceedings of the Second International Conference for Semi-Markov process: Theory and Applications, J. Jansen and N. Limnios (Editors).
14. L. Thomo and D. Ioannides (1998). "*Views for the development of the port of Thessaloniki based on the cost of the serving process*", Maritime Engineering and Ports, G. Scitto and C.A. Brebbia (Editors), Wittpress and Computational Mechanics Publications.
15. D. Ioannides (1999). "*Estimating the Conditional Mode of a Stationary Stochastic Process from Noisy Observations*", Metrika, 50, 19-35.

16. D. Ioannides, D. Papanastasiou and S. Fotopoulos (2000). "On the estimation of a distribution function from noisy observations in time series", Asyptotics in Statistics and Probability, M.L. Puri (Ed.), VSP.
17. D. Ioannides and E. Matzner (2000). "Estimation the Conditional distribution and its quantiles in time series involving measurement errors", Asyptotics in Statistics and Probability, M.L. Puri (Ed.), VSP.
18. Papanastassiou, D. and D. Ioannides (2001). "*Kalman filtering for time series regression with noisy data*", in Proc. 5<sup>th</sup> Hellenic European Conference on Computer Mathematics and its Applications (HERCMA 2001), Vol. II, pp. 669-674.
19. D. Papanastasiou and D. Ioannides (2001). "*GARCH Estimation by optimal Estimating Functions*", Proceedings of the 10<sup>th</sup> Applied Stochastic Models and Data Analysis, G.Govaert, J.Jansen and N. Limnios (Eds).
20. D. Ioannides and D. Papanastasiou (2001). "Estimating the distribution function of a stationary process involving measurement errors", Statistical Inference for Stochastic Processes, 4, 181-198.
21. D. Ioannides and E. Matzner (2002). "*Nonparametric Estimation of the Contitional Mode with Errors-in-Variables*", Journal of Nonparametric in Statistics, 14, 341-352.
22. D. Papanastasiou and D. Ioannides (2003). "*The estimation of a state space model by estimating functions with an application*", Statistica Neerlandica, 58, 407-427.
23. D. Ioannides and E. Matzner (2004). "*A note on Asymptotic Normality of convergent estimates of the Conditional Mode with Errors-in-Variables*", Journal of Nonparametric in Statistics, 16, 515-524.
24. D. Ioannides (2004). "*Fixed Design Regression Quantiles for Time Series*", Statistics and and Probability Letters, 68, 235-245.
25. D. Ioannides and E. Matzner-Lober (2005). "*Rates of estimates of the conditional mode with errors-in-variables* ", Annales de l'Inst. Stat. Univ. Paris, Vol. XLX, 19-34.
26. D. Ioannides and P. Alevizos (2007). "*Nonparametric Regression with Errors in all Variables.*", Journal of Nonparametric in Statistics, 19, 231-240.
27. D. Ioannides and E. Matzner (2009). "Regression quantiles with errors-in-variables ", Journal of Nonparametric in

- Statistics, **16**, 515-524.
28. D. Ioannides and D. Bagkavos (2012), "*Smooth Confidence Intervals for the Survival function under right censoring*", Electronic Journal of Statistics, 6, 843-860.
  29. D. Bagkavos, D. Ioannides, and A. Kalamatianou (2013) A goodness of fit test for the survival function under random right censoring, Electron. J. Statist. Volume 7), 2550-2576.
  30. Y. Athanasiadis and D. Ioannidis (2015) A Statistical Analysis of Big Web Market Data Structure using a Big Data of Wines, Procedia Economics and Finance, Volume(33) , 256-268.
  31. F. Alevizos, D. Bakavos and D. Ioannides(2018). Efficient Estimation of adistribution function based on censored data, Statistics and Probability Letters, 145, 359-364 .