

CURRICULUM VITAE

PERSONAL DATA

Name : Ioannis
Surname : Vrontos
Date of Birth : 9 December 1972
Nationality : Greek
Marital Status : Married, One Child
Military Service : Fulfilled
Address : 8-10, Aiglis St., 11364, Athens, Greece
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UNIVERSITY DEGREES

- 1991-1995** **B.Sc. in Statistics**, Department of Statistics, Athens University of Economics and Business.
- 1995- 1997** **M.Sc. in Statistics**, Department of Statistics, Athens University of Economics and Business. Thesis under the title: "Bayesian Autoregressive Conditional Heteroscedasticity models".
- 1997- 2001** **Ph.D. in Statistics**, Department of Statistics, Athens University of Economics and Business. Thesis under the title: "MCMC applications in time-varying volatility models".

ACADEMIC APPOINTMENTS

- 4/2001 - 9/2001** Institut National de la Statistique et des Etudes Economiques (INSEE), Centre de Recherche en Economie et Statistique (CREST), Paris, France.
- 9/2001 - 1/2002** Temporary Lectureship in Statistics, Department of Statistics, Athens University of Economics and Business.
- 9/2002 - 1/2004** Temporary Lectureship in Statistics, Department of Statistics, Athens University of Economics and Business.
- 2/2004 – 7/2009** Lecturer in Statistics, Department of Statistics, Athens University of Economics and Business.
- 7/2009-** Assistant Professor in Statistics, Department of Statistics, Athens University of Economics and Business.

STUDENTSHIPS

- 1994** Studentship for academic excellence in undergraduate studies.
2001 Studentship during Ph.D. studies from PENED.

FUNDED RESEARCH PROJECTS

- 2006** Hedge funds return predictability: Bayesian model selection and implications for wealth allocation. (INQUIRE UK - funded research project, joint with D. Giamouridis)
- 2008** Liability Management for Pension Funds in a Time-Varying Volatility Environment. (CKER SOA US - funded research project, joint with S. Vrontos and L. Meligkotsidou)
- 2009** Analysis of Financial time series using Bayesian non-parametric methods. (BRFP PEVE, ELKE OPA - funded research project).

COMPUTATIONAL SKILLS

Programming Languages: Pascal, Fortran, Matlab.

Statistical Packages: S-Plus, SPSS, SAS, Minitab, Statgraphics, Statistica.

PUBLICATIONS IN REFEREED JOURNALS

1. Giakoumatos, S.G., Vrontos, I.D., Dellaportas, P. and Politis, D.N. (1999). A Markov Chain Monte Carlo Convergence Diagnostic Using Subsampling, *Journal of Computational and Graphical Statistics*, 8, 431-451.
2. Vrontos, I.D., Dellaportas, P. and Politis, D.N. (2000). Full Bayesian Inference for GARCH and EGARCH Models, *Journal of Business and Economic Statistics*, 18, 187-198.
3. Vrontos, I.D., Giakoumatos, S.G., Dellaportas, P. and Politis, D.N. (2001). An Application of Three Bivariate Time Varying Volatility Models, *Applied Stochastic Models in Business and Industry*, 17, 121-133.
4. Vrontos, I.D., Dellaportas, P. and Politis, D.N. (2003). Inference for some multivariate ARCH and GARCH models, *Journal of Forecasting*, 22, 427-446.
5. Vrontos, I.D., Dellaportas, P. and Politis, D.N. (2003). A full-factor Multivariate GARCH model, *Econometric Journal*, 6, 312-334.
6. Giamouridis, D. and Vrontos, I.D. (2007). Hedge funds portfolio construction: A comparison of static and dynamic approaches, *Journal of Banking and Finance*, 31, 199-217.
7. Dellaportas, P. and Vrontos, I.D. (2007). Modeling Volatility Asymmetries: A class of multivariate tree structured GARCH models, *Econometric Journal*, 10, 503-520.

8. Vrontos S.D., Vrontos, I.D. and Giamouridis, D. (2008). Hedge fund pricing and model uncertainty, *Journal of Banking and Finance*, 32, 741-753.
9. Giannikis, D., Vrontos, I.D. and Dellaportas, P. (2008). Modelling nonlinearities and heavy tails via threshold Normal mixture models, *Computational Statistics and Data Analysis*, 52, 1549-1571.
10. Meligkotsidou L. and Vrontos I.D. (2008). Detecting Structural Breaks and Identifying Risk factors in Hedge Fund returns: A Bayesian approach. *Journal of Banking and Finance*, 2471-2481.
11. Meligkotsidou L., Vrontos I.D. and Vrontos S.D. (2009). Quantile Regression Analysis of Hedge Fund Strategies. *Journal of Empirical Finance*, 16, 264-279.
12. Diamantopoulos K. and Vrontos I.D. (2010). A Student-t Full Factor Multivariate GARCH model. *Computational Economics*, 35, 63-83.
13. Meligkotsidou, L., Tzavalis, E., and Vrontos, I.D. (2010). A Bayesian Analysis of Unit Roots and Structural breaks in the Level, the Trend and the Error Variance of Autoregressive Models of Economic Series. *Econometric Review*, to appear.

PUBLICATIONS IN CONFERENCE PROCEEDINGS

14. Vrontos, I.D., Dellaportas, P. and Politis, D.N. (1998). "Bayesian Analysis of Bivariate ARCH and GARCH models", Fourth Hellenic-European Conference on Computer Mathematics and its Applications (E.A. Lipitakis, eds.), 459-466.

PUBLICATIONS IN REFEREED SPECIAL EDITIONS

15. Βρόντος, Ι.Δ., Μελιγκοτσίδου Λ., και Η. Τζαβαλής (2010). Αξιολόγηση Χαρτοφυλακίων του Δείκτη του Χρηματιστηρίου Αθηνών που στηρίζονται σε προβλέψεις της σπρεντ των επιτοκίων. Έκδοση Προγράμματος Μεταπτυχιακών Σπουδών στη Χρηματοοικονομική και Τραπεζική, Οικονομικό Πανεπιστήμιο Αθηνών, προσεχώς.

SUBMITTED PAPERS

1. Meligkotsidou, L., Tzavalis, E., and Vrontos, I.D. (2006). Bayesian Analysis of Autoregressive Models with Multiple Structural Breaks.
2. Giannikis, D., and Vrontos, I.D. (2008). A Bayesian Approach to Detecting Nonlinear Risk Exposures in Hedge Fund Strategies.
3. Vrontos I.D., Meligkotsidou, L., and Vrontos, S.D. (2008). Performance Evaluation of Mutual Fund Investments: The Impact of Non-Normality and Time-Varying Volatility.
4. Vrontos S.D., Vrontos I.D. and Meligkotsidou L. (2009). Asset-Liability Management for Pension Funds in a Time-Varying Volatility Environment.
5. Meligkotsidou, L., and Vrontos, I.D. (2009). Detecting Structural Breaks in Multivariate Financial Time Series: Evidence from Hedge Fund Investment Strategies.

6. Vrontos I.D. (2009). Evidence for Hedge Fund Predictability from a multivariate Student-t Full-Factor GARCH Model.

WORK IN PROGRESS

1. Meligkotsidou L., Tzavalis E. and Vrontos I.D. (2009). A Bayesian Analysis of Unit Roots in Panel Data Models with Cross-sectional Dependence.
2. Vrontos I.D. (2008). Investing Hedge Fund return Predictability: A Bayesian Approach.

UNPUBLISHED PAPERS

1. Vrontos, I.D. and Giamouridis, D. (2008). Hedge funds return predictability in the presence of model uncertainty and implications for wealth allocation.

TEACHING EXPERIENCE

- 1995-1996** Statistical Packages (tutorials), Department of Statistics (first semester)
- 1996-1997** Statistical Packages (tutorials), Department of Statistics (first semester)
Statistics II (tutorials), Department of Economics (second semester)
- 1997-1998** Statistical Packages (tutorials), Department of Statistics (first semester)
Statistics II (tutorials), Department of Economics (second semester)
- 1998-1999** Descriptive Statistics (tutorials), Department of Statistics (first semester)
Statistical Packages (tutorials), Department of Statistics, Postgraduate Studies (second semester)
- 1999-2000** Descriptive Statistics (tutorials), Department of Statistics (first semester)
Statistical Packages (tutorials), Department of Statistics, Postgraduate Studies (second semester)
- 2000-2001** Descriptive Statistics (tutorials), Department of Statistics (first semester)
- 2001-2002** Data Analysis, Department of Statistics (first semester)
Data Analysis II, Department of Statistics, Postgraduate Studies, Part-time (first semester)
Linear Models for Data Analysis, Department of Statistics, Postgraduate Studies, Part-time (first semester)
- 2002-2003** Linear Models for Data Analysis, Department of Statistics, Postgraduate Studies, Part-time (first semester)
Statistics I, Department of Management and Business Administration (second semester)
Data Analysis, Department of Statistics (second semester)
Distribution Theory (Tutorials), Department of Statistics (second semester)
- 2003-2004** Statistics I, Department of Economics (first semester)
Statistics, Department of Statistics (first semester)

Non-Parametric Statistics, Department of Statistics (first semester)
Introduction to Statistical Packages, Department of Statistics, Postgraduate Studies, Part-time (first semester)
Non-Parametric and Sampling Techniques (H/Y), Department of Statistics, Postgraduate Studies, Part-time (first semester)
Financial Econometrics, Department of Economics, Postgraduate Studies (second semester)
Statistics I, Department of Informatics (second semester)
Applications of Statistical Methods in Management Problems, Department of Accounting and Finance (second semester)

2004-2005

Statistics I, Department of Economics (first semester)
Non-Parametric Statistics, Department of Statistics (first semester)
Introduction to Statistical Packages, Department of Statistics, Postgraduate Studies, Part-time (first semester)
Financial Econometrics, Department of Economics, Postgraduate Studies (second semester)
Case Studies (Data Analysis), Department of Statistics, Postgraduate Studies, Part-time (second semester)
Statistics I, Department of Informatics (second semester)
Applications of Statistical Methods in Management Problems, Department of Accounting and Finance (second semester)

2005-2006

Statistics I, Department of Economics (first semester)
Non-Parametric Statistics, Department of Statistics (first semester)
Introduction to Statistical Packages, Department of Statistics, Postgraduate Studies, Part-time (first semester)
Financial Econometrics, Department of Economics, Postgraduate Studies (second semester)
Case Studies (Data Analysis), Department of Statistics, Postgraduate Studies, Part-time (second semester)
Statistics for Economists, Department of International European Economic Studies (second semester)
Applications of Statistical Methods in Management Problems, Department of Accounting and Finance (second semester)

2006-2007

Non-Parametric Statistics, Department of Statistics (first semester)
Applications of Statistical Models to Finance, Department of Statistics (first semester)
Introduction to Statistical Packages, Department of Statistics, Postgraduate Studies, Part-time (first semester)

Financial Econometrics, Department of Economics, Postgraduate Studies
(second semester)

Case Studies (Data Analysis), Department of Statistics, Postgraduate Studies,
Part-time (second semester)

Statistics for Economists, Department of International European Economic
Studies (second semester)

Applications of Statistical Methods in Management Problems, Department of
Accounting and Finance (second semester)

2007-2008 Applications of Statistical Models to Finance, Department of Statistics (first
semester)

Introduction to Statistical Packages, Department of Statistics, Postgraduate
Studies, Part-time (first semester)

Introduction to Statistics, Department of Accounting and Finance (first
semester)

Financial Econometrics, Department of Economics, Postgraduate Studies
(second semester)

Case Studies (Data Analysis), Department of Statistics, Postgraduate Studies,
Part-time (second semester)

Statistics for Economists, Department of International European Economic
Studies (second semester)

Applications of Statistical Methods in Management Problems, Department of
Accounting and Finance (second semester)

2008-2009 Applications of Statistical Models to Finance, Department of Statistics (first
semester)

Data Analysis, Department of Statistics (first semester)

Introduction to Statistical Packages, Department of Statistics, Postgraduate
Studies, Part-time (first semester)

Financial Econometrics, Department of Economics, Postgraduate Studies
(second semester)

Case Studies (Data Analysis), Department of Statistics, Postgraduate Studies,
Part-time (second semester)

Applications of Statistical Methods in Management Problems, Department of
Accounting and Finance (second semester)

2009-2010 Applications of Statistical Models to Finance, Department of Statistics (first
semester)

Non parametric Statistics, Department of Statistics (first semester)

Econometrics, Department of Statistics (first semester)

Introduction to Statistical Packages, Department of Statistics, Postgraduate Studies, Part-time (first semester)

Econometrics (part of the lesson), Department of Economics, Postgraduate Studies (first semester)

CITATIONS OF PAPER [1]

1. El Adloui, S., Favre, A.C., and Bobee, B. (2006). Comparison of methodologies to assess the convergence of Markov chain Monte Carlo methods, *Computational Statistics and Data Analysis*, 50, 2685-2701.
2. Giakoumatos, G., Dellaportas, P. and Politis, D.N. (2005). Bayesian analysis of the unobserved ARCH model, *Statistics and Computing*, 15, 103-111.
3. Gentle, J.E. (2002). *Elements of Computational Statistics*, Statistics and Computing. Springer-Verlag, New York.
4. Colombo, S., Hanley, N. and Holloway, G. (2009). Bayesian benefit transfer for choice experiment data: preliminary results.

CITATIONS OF PAPER [2]

5. Corte, P.D., Sarno, L., and I. Tsiakas (2008). An Economic Evaluation of Empirical Exchange Rate Models. *Review of Financial Studies*, forthcoming.
6. Chow, W.W., and Fung, M.K. (2008). Volatility of stock price as predicted by patent data: An MGARCH perspective. *Journal of Empirical Finance*, 15, 64-79.
7. So, M.K.P., Chen, C.W.S., Lee, J-Y., and Chang Y-P. (2008). An empirical evaluation of fat-tailed distributions in modelling financial time series. *Mathematics and Computers in Simulation*, 77, 96-108.
8. Balfoussia, H. (2008). Stock market integration: the Athens Exchange in the European financial market. *Economic Bulletin*, 30, 29-55.
9. Ausin, C.M. and Galeano, P. (2007). Bayesian estimation of the Gaussian mixture GARCH model. *Computational Statistics and Data Analysis*, 51, (5), 2636-2652.
10. Minemura, E. (2006). An Interest-rate Model analysis Based on Data Augmentation Bayesian Forecasting, *Journal of Applied Statistics*, 33, 1085-1104.
11. Chen, C.W.S., Gerlach, R. and So, M.K.P. (2006). Comparison of Nonnested Asymmetric Heteroskedastic Models. *Computational Statistics and Data Analysis*, 51, 2164-2178.
12. Miazhyńskaia, T., Fruhwirth-Schnatter, S. and Dorffner, G. (2006), Bayesian testing for non-linearity in volatility modeling. *Computational Statistics and Data Analysis*, 51, 2029-2042.
13. Chang (2006). Bayesian Markov mixture of Normals approach to modeling financial returns. *Studies in Economics and Finance*, 23, 2, 141-158.

14. Aussenegg, W., and Miazhyńska, T. (2006). Uncertainty in Value-at-Risk Estimates under Parametric and Non-parametric Modeling. *Financial Markets and Portfolio Management*, 20, 243-264.
15. Miazhyńska, T., and Dorffner, G. (2006). A Comparison of Bayesian Model Selection based on MCMC with an application to GARCH-Type Models. *Statistical Papers*, 47, 525-549.
16. Asai, M. (2006). Comparison of MCMC Methods for Estimating GARCH Models. *Journal of the Japan Statistical Society*, 36, 2, 199-212.
17. Villagran, A., and Huerta, G. (2006). Bayesian Inference on Mixture-of-Experts for Estimation of Stochastic Volatility. *Advances in Econometrics*, Vol. 20, Part 2, 277-296.
18. So, M.K., Chen, C.W.S., and Chen, M.T. (2005). A Bayesian Threshold Nonlinearity test for financial time series, *Journal of Forecasting*, 24, 61-75.
19. Osiewalski, J. and Pipien, M. (2004). Bayesian comparison of bivariate ARCH-type models for the main exchange rates in Poland, *Journal of Econometrics*, 123, 371-391.
20. Congdon, P. (2003). *Applied Bayesian Modelling*. Wiley Series in Probability and Statistics, Chichester, West Sussex, England, UK.
21. Osiewalski, J. and Pipien, M. (2003). Bayesian comparison of bivariate GARCH Processes in the Presence of an Exogenous Variable. *Conference Proceedings of "Dynamiczne Modele Ekonometryczne"*, Września, Toruń, 29-40.
22. Karlis, D. (2002). An EM type algorithm for maximum likelihood estimation of the normal-inverse Gaussian distribution, *Statistics and Probability Letters*, 57, 43-52.
23. Rodriguez, N. (2001). Bayesian Estimation and Model Selection for the weekly Colombian exchange rate. *Revista De Economia Del Rosario*, 4, 143-172.
24. Soyer, R. and Tanyeri, K. (2001). Bayesian Portfolio Selection in Random Variance Models in Bayesian methods with applications to Science, Policy and Official Statistic, (Edward George, Ed.), 527-535.
25. Nakajima J. (2009). Bayesian analysis of GARCH and Stochastic volatility: modelling leverage, jumps and heavy tails for financial time series.
26. Takaishi T. (2009). Markov chain monte carlo on Asymmetric GARCH model using the adaptive construction scheme.
27. Safadi, T. and I. Pereira (2008). Bayesian analysis of FIAPARCH Model: An application to Sao Paulo stock market.
28. Liu, C., and Maheu, J.M. (2008). Forecasting realized volatility: A Bayesian Model Averaging approach.
29. Lak, F. (2008). Bayesian model selection for ARCH models using iterated importance sampling.
30. Galeano, P. and M.C. Ausin (2007). The Gaussian mixture dynamic conditional correlation model: Bayesian estimation, value at risk calculation and portfolio selection.

31. Lanne, M. and Luoto, J. (2007). Robustness of the Risk-Return Relationship in the US Stock Market.
32. Tsiaplias, S. (2007) A Metropolis-in-Gibbs Sampler for Estimating Equity Market Factors.
33. Chen, C.W.S., Gerlach, R. and Tai, A.P.J. (2007). Bayesian Testing for Nonlinearity in Mean and Volatility for Heteroskedastic Models.
34. Fonseca, T.C.O., Ferreira, M.A.R. and H.S. Migon (2007). Objective Bayesian analysis for the student-t regression model.
35. Osiewalski, J., Pajor, A. and M. Pipien (2006). Bayesian Comparison of Bivariate GARCH, SV and Hybrid Models.
36. Ausin, C.M. and H.F. Lopes (2006). Time-varying distribution through copulas.
37. Loddo, A. (2006). Bayesian analysis of multivariate stochastic volatility and dynamic models.
38. Yu, J. (2005). Is No News Good News? Reconciling Evidence from ARCH and Stochastic Volatility Models.
39. Chen, C.W.S., Gerlach, R. and So, M.K.P. (2005). Bayesian model selection for heteroscedastic models.
40. Valle, C.A. (2005). Simulation Based Methods in Nonlinear Dynamic Models: An Application to Volatility Models.
41. Macaro, C. (2004). Bayesian analysis of skewness in GARCH models.
42. Pourahmadi, M., Daniels, M. J. and Park, T. (2004). Simultaneous Modelling of the Cholesky Decomposition of Several Covariance Matrices with Applications.
43. Dellaportas, P., and Pourahmadi, M. (2003). Large Time-Varying Correlation Matrices with Applications to Finance.
44. Liseo B. and Loperfido, N. (2002). Default Bayesian Analysis of the Skew-Normal Distribution.
45. Tse, Y.K., Zhang, X.B. and Yu, J. (2002). Estimation of Hyperbolic Diffusion using MCMC Method.
46. Kauya, M. and Takagawa, I. (2001). Model Uncertainty of Real Exchange Rate Forecast over Mid-term Horizons.

CITATIONS OF PAPER [4]

47. Chow, W.W., and Fung, M.K. (2008). Volatility of stock price as predicted by patent data: An MGARCH perspective. *Journal of Empirical Finance*, 15, 64-79.
48. Verhofen M. (2005). Markov Chain Monte Carlo methods in Financial Econometrics, *Financial Markets and Portfolio Management*, 19, 397-405.
49. Galeano, P. and M.C. Ausin (2007). The Gaussian mixture dynamic conditional correlation model: Bayesian estimation, value at risk calculation and portfolio selection.

CITATIONS OF PAPER [5]

50. Aue, A., Hormann, S., Horvath, L., and Reimherr, M. (2009). Break detection in the covariance structure of multivariate time series models. *The Annals of Statistics*, 37, 6B, 4046-4087.
51. Broda, S.A. and Paoletta, M.S. (2009). CHICAGO: A fast and accurate method for portfolio risk calculation. *Journal of Financial Econometrics*, 1-25.
52. Silvennoinen, A., and Terasvirta, T. (2008). Multivariate GARCH models, in Andersen, T.G., R.A. Davis, J.-P. Kreiss, and T. Mikosch, eds. *Handbook of Financial Time Series*, New York, Springer.
53. Chow, W.W., and Fung, M.K. (2008). Volatility of stock price as predicted by patent data: An MGARCH perspective. *Journal of Empirical Finance*, 15, 64-79.
54. Silvennoinen, A., and Terasvirta, T. (2008). Multivariate GARCH models. *Handbook of Financial Time Series*, Eds: Andersen, T.G., Davis, R.A., Kreiss, J.-P., and Mikosch, T., Springer, New York.
55. Pourahmadi, M. (2007). Cholesky decompositions and estimation of a covariance matrix: orthogonality of variance-correlation parameters. *Biometrika*, 94, (4), 1006-101.
56. Lanne, M. and Saikkonen, P. (2007). A Multivariate Generalized Orthogonal Factor GARCH Model. *Journal of Business and Economic Statistics*, 25, (1), 61-75.
57. Lopes, H.F., and Carvalho, C.M. (2007). Factor stochastic volatility with time varying loadings and Markov switching regimes. *Journal of Statistical Planning and Inference*, 137, 3082-3091.
58. Gander, M.P.S., and Stephens, D.A. (2007). Stochastic Volatility Modelling in continuous time with general Marginal Distributions: Inference, Prediction and Model Selection. *Journal of Statistical Planning and Inference*, 137, 3068-3081.
59. Bauwens, L., Laurent, S. and Rombouts, J. (2006). Multivariate GARCH models: A survey, *Journal of Applied Econometrics*, 21, 79-109.
60. Lucchetti, R. (2006). Identification of Covariance Structures. *Econometric Theory*, 22, (2), 235-257.
61. Duchesne, P. (2006). Testing for Multivariate Autoregressive Conditional Heteroskedasticity Using Wavelets. *Computational Statistics and Data Analysis*, 51, 2142-2163.
62. Politis, D.N. (2006). A Multivariate heavy-tailed distribution for ARCH/GARCH residuals. *Advances in Econometrics*, Vol. 20, Part 1, 105-124.
63. Hafner, C.M., and Linton, O. (2009). Efficient estimation of a multivariate volatility model.
64. Sun, Y. and Lin, X. (2009). A sparse loading Full-Factor multivariate GARCH model.
65. Caporin, M. and Paruolo, P. (2009). Proximity-Structured Multivariate volatility models.

66. Boswijk, H.P. and R. van der Weide (2008). Testing the number of factors in GO-GARCH models.
67. Engle, R.F., Focardi, S.M., and F.J. Fabozzi (2007). ARCH/GARCH Models in Applied Financial Econometrics.
68. Lanne, M. and Luoto, J. (2007). Robustness of the Risk-Return Relationship in the US Stock Market.
69. Kristensen, D. (2007). Uniform ergodicity of a class of markov chains with applications to time series models.
70. Hafner, C.M. and A. Preminger (2006). Asymptotic theory for a Factor GARCH model.
71. Boswijk, H.P. and R. van der Weide (2006). Wake me up before you GO-GARCH.
72. Dufour, J.M., and Pascale, V. (2006). Exact and asymptotic tests for possibly non-regular hypotheses on stochastic volatility models.
73. Loddo, A. (2006). Bayesian analysis of multivariate stochastic volatility and dynamic models.
74. Ruiz, E. (2006). Multivariate Models, in Financial Econometrics. PhD program in Business Administration and Quantitative Methods.
75. Caporin, M. and Paruolo, P. (2005). Spatial Effects in Multivariate ARCH.
76. Pourahmadi, M. (2004). Simultaneous Modelling of Covariance Matrices: GLM, Bayesian and Nonparametric Perspectives.
77. Dellaportas, P., and Pourahmadi, M. (2003). Large Time-Varying Correlation Matrices with Applications to Finance.
78. Lopes, H. (2003). Factor Models. ISBA Bulletin, pp. 1-4.

CITATIONS OF PAPER [6]

79. Ding, B., Shawky, A., and J. Tian (2008). Liquidity Shocks, size and the performance of Hedge Fund Strategies. Journal of Banking and Finance, forthcoming.
80. Adam, A., Houkari, M., and J-P. Laurent (2008). Spectral risk measures and portfolio selection. Journal of Banking and Finance, forthcoming.
81. Syriopoulos, T., and Roumbis, E. (2008). Dynamic correlations and volatility effects in the Balkan equity markets. Journal of the International Financial Markets, Institutions & Money, forthcoming.
82. Agarwal, V. and Naik, N. (2005). Hedge Funds, Foundations and Trends in Finance, 103-170.
83. Romahi, Y.S. (2007). Alternative Investments. Comments on the paper "Hedge Fund Portfolio Construction: A Comparison of Static and Dynamic Approaches". CFA Digest, 37, 3-5.

84. De Sa' Pinto, M. (2007). Static Correlation Measures Can Damage Your Portfolio's health. Comments on the paper "Hedge Fund Portfolio Construction: A Comparison of Static and Dynamic Approaches". Lipper Hedge World.
85. Proelss, J. and Schweizer, D. (2009). The role of consumption and listed alternative investments on the lifetime ruin probability of U.S. households.
86. Blazsek, S., and Downarowicz, A. (2009). Regime switching models of hedge funds returns.
87. Kaiser, D.G., Schweizer, D. and L. Wu (2008). Strategic Hedge Fund Portfolio Construction that Incorporates Higher Moments.
88. Proelss, J. and Schweizer, D. (2008). Polynomial goal programming and the implicit higher moment preferences of U.S. institutional investors in hedge funds.
89. Giamouridis, D., and I. Ntola (2007). A comparison of alternative approaches for determining the downside risk of hedge fund strategies.
90. Shadab, J.D. (2007). The definition of Accredited Investor in certain private investment vehicles.
91. Banque de France (2007). Financial Stability Review-Special issue on hedge funds.
92. Olszewski, Y. (2005). Building a better Fund of Hedge Funds: A Fractal and a – Stable Distribution Approach.

CITATIONS OF PAPER [8]

93. Giamouridis, D. and Paterlini, S. (2009). Regular(ized) Hedge Fund clones.

CITATIONS OF PAPER [9]

94. Franq, C., and Zakoian, J-M. (2008). Deriving the autocovariances of powers of Markov-switching GARCH models, with applications to statistical inference. Computational Statistics and Data Analysis, 52, 3027-3046.
95. Haas, M., Mittnik, S., and Paoletta, M. (2008). Asymmetric multivariate normal mixture GARCH. Computational Statistics and Data Analysis, forthcoming.

CITATIONS OF PAPER [11]

96. Chen, M.-C., Peng, C.-L., and Zeng, J.-H. (2009). Market states and the effect of equity REIT returns due to changes in monetary policy stance.
97. Mattos, F., and Garcia, P. (2009). The effect of prior gains and losses on current risk-taking using quantile regression.

CONFERENCES - PRESENTATIONS

- ISI Satellite Conference on Industrial Statistics: Aims and Computational Aspects, Athens, Greece, 1997. [paper presentation: A Subsampling based Convergence Diagnostic for Markov Chain Monte Carlo].
- 6th International Meeting on Bayesian Statistics, Valencia, Spain, May 1998. [poster presentation: Bayesian Analysis of Bivariate ARCH models].
- 6th World Meeting of International Society for Bayesian Analysis, Crete, Greece, 2000. [poster presentation: Analysis of Multivariate ARCH and GARCH Models].
- 17th International Workshop on Statistical Modeling: Statistical Modeling in Society, Chania, Greece, July 2002.
- Theme Conference of the Royal Statistical Society: Statistical Genetics and Bioinformatics, Diepenbeek, Belgium, July 2003.
- 17th Annual Conference of the Greek Statistical Institute, Lefkada, Greece, April 2004. [paper presentation: A Bayesian Analysis of Unit Roots and Structural breaks in the Level and the Error Variance of Autoregressive Models].
- International Workshop on Recent Advances in Time Series Analysis, Protaras, Cyprus, June 2004. [poster presentation: Modeling Volatility Asymmetries: A class of multivariate tree structured GARCH models].
- International Workshop on Adaptive Monte Carlo, Bormio, Italy, January 2005.
- 2nd IMS/ISBA Joint Meeting on MCMSki: The Past, Present, and the Future of Gibbs Sampling, Bormio, Italy, January 2005. [poster presentation: Modeling Volatility Asymmetries: A Bayesian analysis of multivariate tree structured GARCH models].
- University of Peloponnese, Department of Economics, March 2005. [paper presentation: Hedge funds portfolio construction: A Dynamic approach].
- “Advances in Financial Forecasting”, 2nd International Symposium at the 2005 International Conference of Computational Methods in Sciences and Engineering, Loutraki, Greece, October 2005. [paper presentation: Hedge fund pricing and portfolio choice in a Dynamic approach].
- “ISBA Eight world meeting on Bayesian Statistics”, Benidorm (Alicante) Spain, June 2006. [poster presentation: A Bayesian Analysis of Unit Roots and Structural breaks in the Level and the Error Variance of Autoregressive Models].
- 12th International Conference on Computing in Economics and Finance, Limassol, Cyprus, June 2006. [paper presentation: Evaluating Hedge Fund managers: A Bayesian investigation of skill and performance].
- 5th Annual Conference – Hellenic Finance and Accounting Association (H.F.A.A.) on Finance and Accounting, Thessaloniki, Greece, December 2006. [paper presentation: Hedge Fund pricing and model uncertainty].

- University of Zurich, Department of Economics, April 2007. [paper presentation: Hedge Fund pricing and model uncertainty].
- International Workshop on Computational and Financial Econometrics, Geneva, Switzerland, April 2007. [paper presentation: Hedge Fund return predictability in the presence of estimation risk and model uncertainty].
- 1st Athens-Pavia Meeting on Statistics, Athens, Greece 2008. [paper presentation: Model uncertainty and Hedge fund return predictability].
- 1st International Workshop of the ERCIM Working Group on Computing and Statistics, Neuchatel, Switzerland, 2008. [paper presentation: Detecting Structural Breaks in Multivariate Financial Time Series: Evidence from Hedge Fund Investment Strategies].
- 15th International Conference on Panel Data, Bonn, Germany, July 2009.
- 8th Conference on Research on Economic Theory & Econometrics, Tinos, Greece, July 2009. [paper presentation: Bayesian Analysis of Autoregressive Models with Multiple Structural Breaks].
- 3rd International Conference on Computational and Financial Econometrics, Limassol. Cuprous, 2009. [paper presentation: Evidence for Hedge Fund Predictability from a multivariate Student-t Full-Factor GARCH Model].

SEMINARS

- European Summer School on Advanced Markov Chain Monte Carlo methods, Skoerping, Denmark, August 1998.
- New Financial Tools, Research Center, Athens University of Economics and Business, Athens, Greece, 1998-1999.
- Graduate Training Program in Mathematical Statistics and Applied Probability: “Understanding MCMC”, “Theory and Inference for extremes”, Lancaster University, Lancaster, United Kingdom, July 2003.
- Graduate Training Program in Bayesian Statistics: “Particle Filters”, “Markov Random Fields”, “Exact Simulation”, Lancaster University, Lancaster, United Kingdom, September 2003.

ACADEMIC ACTIVITIES

REFERRING IN SCIENTIFIC JOURNALS

- *Computational Economics* (2010-). (1 article)
- *Journal of Financial Research* (2009-). (1 article)
- *Journal of Banking and Finance* (2009-). (1 article)
- *International Journal of Banking, Finance and Accounting* (2009-). (1 article)
- *Journal of Empirical Finance* (2008-). (1 article)

- *Computational Statistics and Data Analysis* (2007-). (3 articles)
- *Statistics and Computing* (2007-). (1 article)
- *Journal of Applied Econometrics* (2006-). (2 articles)
- *Journal of Financial Econometrics* (2006-). (1 article)
- *Journal of Statistical Planning and Inference* (2006-). (1 article)
- *Statistical modeling: An international Journal* (2005-). (1 article)

MEMBER OF PHD COMMITTEES

- Supervisor of Ph.D. Candidate Dimitris Giannikis.
- Member of the 3-member committee - Petralias A. (2010) Bayesian Model Determination and Nonlinear Threshold Volatility Models. Supervisor: Petros Dellaportas, Department of Statistics, Athens University of Economics and Business.
- Member of the 7-member committee – Papadakis E. (2009). Essays in Econometrics. Supervisor: Euthimios Tsionas, Department of Economics, Athens University of Economics and Business.

ACADEMIC RELATED ACTIVITIES

- *Member of the International Society for Bayesian Analysis (ISBA).*
- *Member of the Institute of Mathematical Statistics (IMS).*
- *Member of the Society of Computational Economics (SCE).*
- *Member of the Scientific Program Committee of the First International Workshop of the ERCIM Working Group on COMPUTING & STATISTICS, 19-21 June 2008, Neuchatel, Switzerland.*
- *Member of the Scientific Program Committee of the Second International Workshop of the ERCIM Working Group on COMPUTING & STATISTICS, 29-31 October 2009, Limassol, Cyprus.*

RESEARCH INTERESTS

- MCMC and Convergence Diagnostics
- Bayesian Inference and Bayesian Model Choice
- Modeling of Time Series
- Financial Econometrics
- Hidden Markov Models
- Optimal Asset Portfolio Allocation with Classical and Bayesian approaches
- Hedge Funds – Funds of Funds optimal portfolio construction