

## OBITUARY



### **Francesc Marmol, 1966–2005**

On May 18, 2005, Francesc Marmol died of cancer in Madrid, Spain, at the age of 38. Francesc (Paco) was born in Barcelona to a family of modest means. He graduated from the Universitat Autònoma de Barcelona with a B.Sc. in Economics. He later went on to obtain a Ph.D. in the International Doctorate in Economic Analysis, where he defended a thesis on asymptotic theory for integrated processes in 1996. After University, Paco took a position at the Universidad Carlos III de Madrid, where he was Professor at the Economics Department.

Like many time series econometricians in the mid-1990s, he soon became attracted by fractional integration, and its role for modeling persistence. His early research on spurious regression led him to work on cointegration and related areas, as he broadened the number of collaborations with his colleagues at Carlos III and other Spanish and European universities. Much of Paco's work has been published in the leading econometric journals. At the time of his death,

Paco was involved in studies related to the design of new tests of cointegration, inference on cointegration coefficients in the presence of deterministic trends, and flexible modeling of long- and short-run time series behavior. Paco was an excellent scholar, a great friend, and a loyal colleague in hard times. He was greatly admired and respected by students and colleagues alike.

He is survived by his wife, Angeles, his parents, Pedro and Maria, and his brother, Pedro. He passed away just when his dreams had started to become reality. His untimely death is a tragedy for both the econometrics community and, in particular, for his friends at Universidad Carlos III. His personality and work, however, will endure.

His friends at Universidad Carlos III de Madrid.

## PUBLICATIONS OF FRANCESC MARMOL

- Marmol, F. (1995) Spurious regressions between I(d) processes. *Journal of Time Series Analysis* 16, 313–321.
- Marmol, F. (1995) The stationary conditions for an AR(2) process and Shur's theorem. *Econometric Theory* 11, 1180–1182.
- Marmol, F. (1996) Correlation theory of spuriously related higher order integrated processes. *Economics Letters* 50, 169–173.
- Marmol, F. (1996) Nonsense regressions between integrated processes of different orders. *Oxford Bulletin of Economics and Statistics* 58, 525–536.
- Dolado, J.J. & F. Marmol (1997) On the properties of the Dickey-Pantula test against fractional alternatives. *Economics Letters* 57, 11–16.
- Marmol, F. (1998) Spurious regression theory with nonstationary fractionally integrated processes. *Journal of Econometrics* 84, 232–250.
- Marmol, F. & J.C. Reboredo (1999) Near observational equivalence and fractionally integrated processes. *Oxford Bulletin of Economics and Statistics* 61, 283–290.
- Dolado, J.J., J. Gonzalo, & F. Marmol (2000) Cointegration. In: B. H. Baltagi (ed.), *A Companion to Theoretical Econometrics*, pp. 283–290. Blackwell.
- Arranz, M.A. & F. Marmol (2001) Out-of-sample forecast errors in misspecified perturbed long memory processes. *Statistical Papers* 42, 423–436.
- Marmol, F. & C. Velasco (2002) Trend stationarity versus long range dependence in time series analysis. *Journal of Econometrics* 108, 25–42.
- Marmol, F., A. Escribano, & F.M. Aparicio (2002) Instrumental variable interpretation of cointegration with inference results for fractional cointegration. *Econometric Theory* 18, 646–672.
- Krämer, W. & F. Marmol (2002) OLS-based asymptotic inference in linear regression models with trending regressors and AR(p)-disturbances. *Communications in Statistics: Theory and Methods* 31, 261–270.
- Krämer, W. & F. Marmol (2004) The power of residual-based tests for cointegration when residuals are fractionally integrated. *Economics Letters* 82, 63–69.
- Ariño, M.A. & Marmol, F. (2004) A permanent-transitory decomposition for ARFIMA processes. *Journal of Statistical Planning and Inference* 124, 87–97.
- Marmol, F. & Velasco, C. (2004) Consistent testing of cointegrating relationships. *Econometrica* 72, 1809–1844.
- Dolado, J.J. & F. Marmol (2004) Asymptotic inference results for multivariate long-memory processes. *The Econometrics Journal* 7, 168–190.
- Hassler, U., F. Marmol, & C. Velasco (2005) Residual log-periodogram inference for long-run relationships. *Journal of Econometrics*, forthcoming.