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EDUCATION

1989.02 Yonsei University, B.A. Business
1991.08 Yonsei University, M.A. Economics
1998.08 University of California, San Diego (UCSD), Ph.D. Economics
Halbert White (Chair), Clive Granger, James Hamilton (Economics), Alex Kane (Business), Patrick Fitzsimmons (Mathematics)

EMPLOYMENT

1998.09-2004.07 Assistant Professor, School of Economics, University of Nottingham
2004.08-2007.08 Associate Professor, School of Economics, University of Nottingham
2004.09-2008.08 Associate Professor, School of Economics, Yonsei University
2008.09-Present Professor, School of Economics, Yonsei University

RESEARCH INTERESTS

Applied Econometrics, Quantile Regression, Econometrics of Inequality

PUBLICATIONS

1. "Combination of the Least Squares and Least Absolute Deviation Estimators using the James-Stein Rule,"(T.-H. Kim, H. White) Proceedings of the International ICSC Congress on Computational Intelligence Method and Applications, ICSC Academic Press, 654-660, 1999.

2. "Spurious Rejections by Perron Tests in the Presence of a Break," (T.-H. Kim, S. Leybourne and P. Newbold) Oxford Bulletin of Economics and Statistics 62, 433-444, 2000.

3. "James-Stein-Type Estimators in Large Samples with Application to the Least Absolute Deviations Estimator," (T.-H. Kim, H. White) Journal of the American Statistical Association (American Statistical Association) 96, 697-705, 2001.

4. "Double-Stage Quantile Regression," (T.-H. Kim, C. Muller) Bulletin of the International Statistical Institute (International Statistical Institute) LIX (23), Book 2, 155-158, 2001.

5. "Unit Root Tests Based on Inequality-Restricted Estimators," (T.-H. Kim, P. Newbold) Applied Economics Letters 8, 793-797, 2001.

6. “A Direct Test for Cointegration Between A Pair of Time Series,” (S. Leybourne, P. Newbold, D. Vougas, T.-H. Kim) Journal of Time Series Analysis 23, 173-191, 2002.

7. “Unit Root Tests With a Break in Innovation Variance,” (T.-H. Kim, S. Leybourne, P. Newbold) Journal of Econometrics (Elsevier Science) 109, 365-387, August 2002.

8. “Testing for Linear Trend With Application to Relative Primary Commodity Prices,” (T.-H. Kim, S. Pfaffenzeller, T. Rayner, P. Newbold) Journal of Time Series Analysis 24, 539-551, 2003.

9. “Tests for a Change in Persistence Against the Null of Difference-Stationarity,” (S. Leybourne, T.-H. Kim, V. Smith, P. Newbold) Econometrics Journal 6, 290-310, 2003.

10. “Behavior of Cointegration Tests in the Presence of Structural Breaks in Variance,” (J. Noh, T.-H. Kim) Applied Economics Letters 10, 999-1002, 2003.

11. “Estimation, Inference, and Specification Testing for Possibly Misspecified Quantile Regression,” (T.-H. Kim, H. White) Advances in Econometrics 17, 107-132, 2003.

12. “More Powerful Panel Data Unit Root Tests with an Application to Mean Reversion in Real Exchange Rates,” (V. Smith, S. Leybourne, T.-H. Kim, P. Newbold) Journal of Applied Econometrics 19, 147-170, 2004.

13. “On More Robust Estimation of Skewness and Kurtosis,” (with H. White) Finance Research Letters 1, 56-73, 2004.

14. “Spurious Regressions with Stationary Processes around Linear Trends,” (with Y. Lee and P. Newbold) Economics Letters 83, 257-262, 2004.

15. “Asymptotic Mean-Squared Forecast Error When an Autoregression With Linear Trend Is Fitted to Data Generated by an I(0) or I(1) Process,” (with S. Leybourne and P. Newbold) Journal of Time Series Analysis 25, 583-602, 2004.

16. “Two-Stage Quantile Regression When the First Stage is Based on Quantile Regression,” (with C. Muller) Econometrics Journal 7, 218-231, 2004.

17. “Calendar Effects in Eastern European Financial Markets: Evidence From the Czech Republic, Slovakia and Slovenia,” (with D. Tonchev) Applied Financial Economics 14, 1035-1043, 2004.

18. “Behaviour of Dickey-Fuller Unit Root Tests Under Trend Misspecification,” (T.-H. Kim, S. Leybourne, P. Newbold) Journal of Time Series Analysis 25, 755-764, 2004.

19. “Examination of Some More Powerful Modifications of the Dickey-Fuller Test,” (S. Leybourne, T.-H. Kim, P. Newbold) Journal of Time Series Analysis 26, 355-369, 2005.

20. “On Sub-optimality of the Hodrick-Prescott Filter at Time Series Endpoints,” (with P. Newbold and E. Mise) Journal of Macroeconomics 27, 53-67, 2005.

21. “More Powerful Modifications of Unit Root Tests Allowing Structural Change,” (S. Leybourne, T.-H. Kim, P. Newbold) Journal of Statistical Computation and Simulation 75, 869-888, 2005.

22. “Spurious Non-linear Regressions in Econometrics,” (Y. Lee, T.-H. Kim, P. Newbold) Economics Letters (Taylor & Francis Ltd), 87, 301-306, April 2005.

23. “Asymptotic and Bayesian Confidence Intervals for Sharpe Style Weights,” (T.-H. Kim, H. White, D. Stone) Journal of Financial Econometrics 3, 315-343, 2005.

24. “Forecasting Volatility of Futures Market: S&P 500 and FTSE 100 using High Frequency Returns and Implied Volatility,” (J. Noh, T.-H. Kim) Applied Economics 38, 395-413, 2006.

25. “Regression-Based Tests for a Change in Persistence,” (S.J. Leybourne, T.-H. Kim, R. Taylor) Oxford Bulletin of Economics and Statistics 68, 595-621, 2006.

26. “Two-Stage Huber Estimation,” (T.-H. Kim, C. Muller) Journal of Statistical Planning and Inference 137, 405-418, 2007

27. “Detecting Multiple Changes in Persistence,” (S. Leyboune, T.-H. Kim, R. Taylor) Studies in Nonlinear Dynamics & Econometrics, 11, Issue 3, 1-26, 2007.

28. “CUSUM of Squares-Based Tests for a Change in Persistence,” (S. Leyboune, R. Taylor, T.-H. Kim) Journal of Time Series Analysis, 28, 2007.

29. “Forecasting Changes in UK Interest Rates,” (T.-H. Kim, P. Mizen, A. Chevapatrakul) Journal of Forecasting, 27, 53-74, 2008.

30. “A More Powerful Modifications of Johansen’s Cointegration Tests,” (S.J. Leybourne, T.-H. Kim and P. Newbold) Applied Economics, 40, 725-729, 2008.

31. “The Taylor Principle and Monetary Policy Approaching a Zero Bound on Nominal Rates: Quantile Regression Results for the United States and Japan,” (P. Mizen, T.-H. Kim, T. Chevapatrakul), Journal of Money, Credit and Banking, 41, 1705-1723, 2009.

32. “Modeling Autoregressive Conditional Skewness and Kurtosis with Multi-Quantile CAViaR,” (H. White, T.-H. Kim, and S. Manganelli), “Volatility and Time Series Econometrics: Essays in Honour of Robert F. Engle” A Festschrift in Honor of Robert F. Engle, 2010

33. “The Effect of a Variance Shift on the Breusch-Godfrey LM Test,” (JY Hyun, HH Moon, T.-H. Kim and J. Jeong) Applied Economics Letters, 17, 399-404, 2010.

34. “Estimating Monetary Reaction Functions at Near Zero Interest Rates,” (T.-H. Kim and P. Mizen) Economics Letters 106, 57-60, 2010.

35. “Variance-ratio Tests Robust to a Break in Drift,” (Y. Kim and T.-H. Kim) European Journal of Pure and Applied Mathematics, 3, 502-518, 2010.

36. “Bootstrapping the Shrinkage Least Absolute Deviations Estimator,” (T.-H. Kim and H. White) European Journal of Pure and Applied Mathematics, 3, 371-381, 2010.

37. “Forecast Precision and Portfolio Performance,” (A. Kane, T.-H. Kim, H. White) Journal of Financial Econometrics, 8, 365-304, 2010.

38. “Active Portfolio Management: The Power of the Treynor-Black Model” (A. Kane, T.-H. Kim, H. White) Chapter 15 in Progress in Financial Markets Research (edited volume: editors : Catherine Kyrtsou , Costas Vorlow), Nova Science Publishers, New York, 2011.

39. “The Influence of School Qualities on Housing Prices in Korea,” (S. Hahn, T.-H. Kim and M. Kim) Applied Economics, 44, 1021-1023, 2012.

40. “Monetary Information and Monetary Policy Decisions: Evidence from the Euroarea and the UK,” (T. Chevapatrakul, T.-H. Kim, P. Mizen) Journal of Macroeconomics, 34, 326-341, 2012.

41. “Robust Estimation of Covariance and Its Application to Portfolio Optimization,” (Lijuan Huo, Tae-Hwan Kim and Yunmi Kim), Finance Research Letters, 9, 121-134, 2012.

42. “A Robust Test for Autocorrelation in the Presence of a Structural Break in Variance,” (E.-Y. Shim, H.-H. Moon, T.-H. Kim), Journal of Statistical Computation and Simulation, 84, 1552-1562, 2014.

43. “The Effects of Public and Private School on the Academic Achievement,” (S. Hahn, T.-H. Kim, B. Seo) Seoul Journal of Economics, 27, 137-147, 2014.

44. “The Asymmetric Nature of Rule-of-Thumb Consumers,” (Y. Kim and T.H. Kim), 응용경제, 16, 115-134, 2014.

45. “On Measuring the Nonlinear Effect of Interest Rate on Inflation and Output,” (H.H. Moon, T.-H. Kim, and S.H. Nah) 금융지식연구, 12, 57-85, 2014.

46. “지니계수의 확장 및 이를 이용한 한국사회의 소득불평등 요인분석 (Constructing a Long Time-Series on the Korean Gini Index and Its Application for Analyzing Potential Determinants of Income Inequality),” (S.B. Jeong, E.K. Min and T.-H. Kim) 사회경제평론, 45, 185-230, 2014.

47. “The Instability of the Pearson Correlation Coefficient and Its Simple Robustification,” (Y. Kim, T.-H. Kim and T Ergun), Finance Research Letters, 15, 243-257, 2015.

48. “VAR for VaR: Measuring Systemic Risk Using Multivariate Regression Quantiles,” (H. White, T.-H.Kim and S. Manganelli), Journal of Econometrics, 187, 169-188, 2015.

49. “Revisiting Growth Empirics Based on IV Panel Quantile Regression,” (L. Huo, T.-H. Kim and Y. Kim), Applied Economics, 47, 3859-2873, 2015.

50. “통계청 가계조사자료에 기초하여 계산된 상위소득점유율 (Top Income Shares Based on Household Income and Expenditure Survey Data),” (J.H. Shin, Y.M. Kim, T.H. Kim), 한국경제학보 (The Korean Journal of Economics), 22, 87-97, 2015.

51. “Quantile Cointegration in the Autoregressive Distributed-Lag Modelling Framework,” (J.S. Cho, T.H. Kim, Y. Shin), Journal of Econometrics, 188, 281-300, 2015.

52. “Revisiting the Effect of FDI on Economic Growth using Quantile Regression,” (L. Huo and Y. Kim), 국제통상연구, 20, 33-55, 2015.

53. “Unit Root Tests in the Presence of Multiple Breaks in Variance,” (S.B. Jeong, B.H. Kim, T.-H Kim and H.H. Moon), Singapore Economic Review, forthcoming.

REFEREEING SERVICES

International Economic Review, Journal of Econometrics, Neural Computation, Journal of Business & Economic Statistics, Journal of the American Statistical Association, Journal of Time Series Analysis, Econometric Review, Applied Economics, Econometric Theory, Oxford Bulletin of Economics and Statistics, Computational Statistics and Data Analysis