Recent Development in Statistics, Empirical Finance and Econometrics

Date: 29 November – 01 December 2011
Symposium Venue: Rakuyu-kaikan, Kyoto University, KYOTO, JAPAN

Program

* Speaker

29 November, 2011

< 12:45 ~ 13:25 > Registration
< 13:25 ~ 13:30 > Opening Address
Yoshihiko Nishiyama (Kyoto University)

Session 1 < 13:30 ~ 14:30 > Financial Statistics I
Chair: Yoshihiko Nishiyama (Kyoto University)

13:30～14:00 Bayesian Inference of Asymmetric Smooth Time-varying Structure in Financial Time Series
Cathy W. S. Chen (Feng Chia University)

14:00～14:30 Statistical Portfolio Estimation for Non-Gaussian Return Processes
*Kenta Hamada (Waseda University)
Taniguchi Masanobu (Waseda University)

~~~~~~~~~~~ < Coffee Break > ~~~~~~~~~~~~
Session 2  <14:50 ~ 16:20>
Chair: Taniguchi Masanobu (Waseda University)

14:50~15:20 Productivity of Service Providers: Microeconometric Measurement in the Case of Hair Salons
*Yoko Konishi (RIETI),
Yoshihiko Nishiyama (Kyoto University)

15:20~15:50 Multivariate Dispersive Orders and Multivariate Comonotonicity
*Marc Henry (University of Montreal)
Arthur Charpentier (UQAM)
Alfred Galichon (École polytechnique)

15:50~16:20 Adapting to sparse design in multivariate local linear regression
*Ming-Yen Cheng (National Taiwan University)
Jyh-Shyang Wu (Tamkang University)
Lu-Hung Chen (National Chung Hsing University)
Yao–Hsiang Yang (National Taiwan University)

~~~~~~~~~  <Coffee Break>  ~~~~~~~~~

Session 3 < 16:40 ~ 17:40 > Nonstationary Processes I
Chair: Yoshihiko Nishiyama (Kyoto University)

16:40~17:10 Nonparametric LAD Cointegrating Regression
Toshio Honda (Hitotsubashi University)

17:10~17:40 Linear Regression with Deterministic Regressors and Unit Root in the Variance
Alex Petkovic (Waseda University)

<18 : 00~20 : 00  Conference party (@ Camphora on Campus)>
Session 4 < 9:30 ~ 11:00 > Asymptotics
Chair: Keiji Nagai (Yokohama National University)

9:30 ~ 10:00 Asymptotic Expansions of Likelihood-Based Tests about Subvectors: Bartlett-Type Adjustment and Local Power Properties
Yoshihide KAKIZAWA (Hokkaido University)

10:00 ~ 10:30 Asymptotic Efficiency in Dynamic Panel Data Models When Both N and T are Large
*Ryo Okui (Kyoto University)
Haruo Iwakura (Kyoto Univ.)

10:30 ~ 11:00 Asymptotic Normality of Estimators Derived from Rank Statistics for Generalized Lehmann’s Alternative Models When the Observations are a Sequence of Weakly Dependent Random Variables
Ryozo Miura (Hitotsubashi University)

~ ~ ~ ~ ~ ~ ~ ~ < Coffee Break > ~ ~ ~ ~ ~ ~ ~ ~

Session 5 < 11:20 ~ 12:20 > Model Selection
Chair: Ryo Okui (Kyoto University)

11:20 ~ 11:50 Predictive Approach for Model Selection on Linear Regression, Quantile Regression, and Panel Data Regression Models with Factor Augmented Predictors
*Tomohiro Ando (Keio University), Ruey Tsay (U. Chicago)

11:50 ~ 12:20 Information Criteria for Moment Restriction Models
Naoya Sueishi (Kyoto University)

~ ~ ~ ~ ~ ~ < Lunch > ~ ~ ~ ~ ~ ~
Session 6  <14:00 ~ 15:30>  Time Series Analysis
Chair: Naoya Sueishi (Kyoto University)

14:00~14:30  Dynamic Factor Models for High-Dimensional Time Series:
One-Sided Representations
Marc Hallin (Free Univ. of Brussels)

14:30~15:00  Functional PCA under Temporal or Spatial Dependence.
Siegfried Hormann (Free Univ. of Brussels)

15:00~15:30  Distributions of the Maximum Likelihood and Minimum Contrast
Estimators Associated with the Fractional Ornstein-Uhlenbeck Process
Katsuto Tanaka (Hitotsubashi University)

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Session 7  <15:50 ~ 17:20>  Nonstationary Processes II
Chair: Katsuto Tanaka (Hitotsubashi University)

15:50~16:20  On Recent Developments of Nonstationary and Long-Memory Time
Series
Ngai Hang Chan (The Chinese University of Hong Kong)

16:20~16:50  Functional-Coefficient Cointegration Models in the Presence of
Deterministic Trends
*Masayuki Hirukawa (Setsunan University)
Yi Yu (Queen’s University)

16:50~17:20  Sequential Test for Nearly Nonstationary AR(p) Processes
Keiji Nagai (Yokohama National University)
Kohtaro Hitomi (Kyoto Institute of Technology)
Yoshihiko Nishiyama (Kyoto University)
Session 8 < 10:00 ~ 11:30 > Financial Statistics II
Chair: Yoshihiko Nishiyama (Kyoto University)

10:00~10:30 A CB (corporate bond) Pricing Model for Deriving Default Probabilities and Recovery Rates
Takeaki KARIYA (Meiji University)

10:30~11:00 Comparison of Griddy Gibbs and Metropolis-Hastings Sampler for Estimation of the Standard BCSV Model
*Didit B. Nugroho (Kwansei Gakuin University)
Takayuki Morimoto (Kwansei Gakuin University)

11:00~11:30 Consistent Estimation of Integrated Volatility Using Intraday Absolute Returns for SV Jump Diffusion Processes
Shuichi Nagata (Kwansei Gakuin University)

< 11:30 ~ 11:40 > Closing Address
Masanobu Taniguchi (Waseda University)

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Organizers

◆ Yoshihiko Nishiyama (Kyoto University)
◆ Masanobu Taniguchi (Waseda University)