IFC – Bank Indonesia Satellite Seminar on “Big Data” on 21 March 2017 in Bali, Indonesia, at the Bali International Conference Centre1
(Preceding the ISI Regional Statistics Conference in Bali on 22–24 March 20172)

Programme

Welcoming Remarks

- Ms Yati Kurniati, Executive Director, Statistics Department, Bank of Indonesia (speech)
- Mr Aurel Schubert, Director General, Statistics Department, European Central Bank, and Vice Chair, IFC Executive (speech)

Opening Keynote

Mr Agus Sudjianto, Executive Vice President, Head of Corporate Model Risk, Wells Fargo, USA: “Quantitative Risk Management and Stress Test to Ensure Safety and Soundness of Financial Institutions” (presentation)

Session 1: “Big Data for Central Banks”

Chair: Mr Robert Kirchner, Deputy Director General Statistics, Deutsche Bundesbank
Presenters:
- Mr Jens Mehrhoff, Eurostat “Central banks’ use of and interest in “big data” (presentation)
- Mr Maciej Piechocki, BearingPoint / Central Banking: “Data as a critical factor for central banks” (presentation)
- Mr Michal Piechocki, Business Reporting–Advisory Group: “Overview of international experiences with data standards and identifiers applicable for big data analysis” (presentation)

Session 2: “Internet datasets”

Chair: Mrs Gülbin Şahinbeyoğlu, Executive Director, Statistics Department, Central Bank of the Republic of Turkey and IFC Executive
Presenters:
- Mr Rendell E. de Kort, Central Bank of Aruba: “Forecasting tourism demand through search queries and machine learning” (presentation)
- Mr Isaiah Hull, Sveriges Riksbank, “Do sales price information scraped from Internet increase precision of short–term inflation forecasts? – A pilot study” (presentation)

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1 Bali International Conference Centre (BICC) - Street address: Kawasan Pariwisata Nusa Dua, BTDC Lot N-3, Nusa Dua 80363, Indonesia, Phone: +62 623 6177 1906
2 See www.isi-rsc2017.org
• Mr Patrick Weber, Deutsche Bundesbank: "Capturing depositors’ expectations with Google data" (presentation)

Lunchtime talk
Mr Vijay Nair, Past ISI President, Wells Fargo and University of Michigan, Ann Arbor, USA: “Data Science: Some Perspectives”

Session 3: “Financial, administrative and commercial datasets”
Chair: Mr Aurel Schubert, Director General, Statistics Department, European Central Bank, and Vice Chair, IFC Executive
Presenters:
• Mrs Beatriz Velasquez, Central Bank of Chile: “Determinants of business demography in Chile over the 2010 – 2015 period” (presentation)
• Ms Kumala Kristiawardani and Mr Irfan Sampe, Bank Indonesia: “Using Online Property Advertisements Data as a Proxy for Property Market Indicators” (presentation)
• Mr Luís Teles Dias, Bank of Portugal: “Integrated management of credit data – Turning threats into opportunities” (presentation)

Session 4: “Central Bank Communication”
Chair: Mr Toh Hock Chai, Director, Statistical Services Department, Central Bank of Malaysia, and IFC Executive
Presenters:
• Mr Christian Dembiermont, Bank for International Settlements: “Finding similar words in Big Data – Text mining approach of semantic similar words in the Federal Reserve Board members’ speeches” (presentation)
• Mr Stefano Nardelli, European Central Bank: “Between Hawks and Doves: Measuring Central Bank Communication” (presentation)
• Mr Giuseppe Bruno, Bank of Italy: “Central Bank Communications: Information extraction and semantic analysis” (presentation)

Panel discussion: Issues on Big Data Governance – Big Data work in Central Banks, HR and IT issues
Chair: Mrs Katherine Hennings, Senior Advisor, Central Bank of Brazil, and Vice Chair, IFC Executive
Panellists:
• Mr Edi Susianto, Bank Indonesia, Director, Statistics Department
• Mr Pedro Silva, President ISI – International Statistical Institute (presentation)
• Ms Anne Leslie-Bini, Director, Financial Services, BearingPoint / Central Banking (presentation)
• Mr Rhys Mendes, Chief, Economic and Financial Research, Bank of Canada (presentation)

Concluding Remarks
Mrs Katherine Hennings, Senior Advisor, Central Bank of Brazil, and Vice Chair, IFC Executive