

16 th Meeting of the Ottawa Group

08 - 10 May 2019

DRAFT PROGRAMME

PLENARY SESSION

TUESDAY, 07 MAY

16:00 - 17:30	Invited lecture by Prof. Erwin Diewert: <i>"Quality Adjustment and Hedonics: A unified approach"</i>
17:30 - 18:30	Welcome cocktail

WEDNESDAY, 08 MAY

9:30 - 10:00	Registration
10:00 - 10:30	Opening speech
10:30 - 12:00	<p>Session 1: New data sources to compile price indices (I) Chairperson: Patrick Kelly</p> <p>Jens Mehrhoff: Towards a new paradigm for scanner data price indices: applying big data techniques to big data</p> <p>Jan de Haan: Scanner Data in the CPI: The Imputation CCDI Index Revisited</p> <p>Anna Bobel, Jacek Białek: Comparison of Price Index Methods for CPI Measurement using Scanner Data</p>
12:00 - 13:30	Lunch break
13:30 - 15:00	<p>Session 2: Pricing seasonal products Chairperson: Roberto Olinto</p> <p>Patrick Kelly: Missing in action: testing alternative methods for imputations and seasonal items</p> <p>Corinne Becker Vermeulen: Pricing seasonal products: the imputation techniques</p> <p>Kristiina Nieminen, Yrjö Vartia, Antti Suoperä, Satu Montonen: Chain Error as a Function of Seasonal Variation</p>

15:00 - 15:30

Coffee break

15:30 - 16:30

Session 3: New data sources to compile price indices (II)

Chairperson: Jens Mehrhoff

Rafael Posse, Jorge Alberto Moreno: Use of Big Data in modern markets coexisting with traditional markets data

Andrew Tomadini, Michael Holt: Maximising the use of Web Scraped Data in the Australian CPI

16:30 - 17:30

Poster session/Room document

17:30 - 19:00

Session 4: Other topics (I)

Chairperson: Jan de Haan

Ludwig von Auer: The Nature of Chain Drift: Implications for Scanner Data Price Indices

Tsutomu Watanabe, Kozo Vedu, Koto Watanabe: Storable Goods, Chain Drifts, and the Cost of Living Index: New Methodology and Application to Japanese Data

Antonio G. Chessa: Evidence of drift in splicing methods when calculating multilateral indices

THURSDAY, 09 MAY

09:00 - 10:30

Session 5: New data sources to compile price indices (III)

Chairperson: Jens Mehrhoff

Edward Rowland: Machine learning for classification with big data in price statistics production pipelines

Olivia Ståhl, Peter Nilsson: Towards More Efficient Use of Transaction Data in the Swedish CPI

Manuel I. Bertolotto: Online Price Index with Product Replacement: The Closest Match Approach

10:30 - 11:00

Coffee break

11:00 - 12:30

Session 6: Compiling housing price indices

Chairperson: David Fenwick

Rósmundur Guðnason: Owner occupied housing in the Icelandic CPI, a survey of simple user cost for a quarter of a century

Paulo Picchetti: Residential Price Indexes using different sources of information

Kate Burnett-Isaacs, Erwin Diewert, Ning Huang,: Developing Land and Structure Price Indexes for Ottawa Condominium Apartments

12:30 - 14:00

Lunch break

14:00 - 15:00

Session 7: Index number formulae

Chairperson: Ludwig von Auer

Ragnhild Nygaard, Li-Chun Zhang, Ingvild Johansen: Evaluating unit-value price indices in a dynamic item universe

Claude Lamboray: Elementary aggregation: A not so elementary story!

15:00 - 18:30

Social programme – Museum of Tomorrow

18:30 - 21:30

Gala dinner – Assador Rio's

FRIDAY, 10 MAY

09:00 - 10:00

Session 8: Quality adjustment

Chairperson: Brian Graf

Jean-Denis Zafar, Mathilde Poulhes: Webscraping prices to estimate hedonic models and extensions to other predictive methods

Elisabeth Wieland: Measuring price dynamics of package holidays with transaction data

10:00 - 10:30

Coffee Break / Photo Session

10:30 - 12:00

Session 9: New data sources to compile price indices (IV)

Chairperson: Antonio Chessa

Tanya Flower: Alternative data sources pipeline

Lincoln Teixeira da Silva, Ingrid Luquett de Oliveira, Vladimir G. Miranda, Tiago Dantas: Studies of new data sources and techniques to improve CPI compilation in Brazil

Can Tongur: Challenging the CES assumption with scanner data – pitfalls of the fixed basket

12:00 - 13:30

Lunch break

13:30 – 14:30

Poster session/Room document

14:30 - 15:30

Session 10: Other topics (II)

Chairperson: Paulo Picchetti

Doron Sayag, Danny Pfeffermann, Dan Benhur: Reducing Revisions in House Price Index with Nowcasting Model

Brian Graf, Margarida Martins: Update of the CPI Manual

15:30 - 16:00

Closing remarks

POSTER SESSION (I)

WEDNESDAY, 08 MAY 16:30 – 17:30

New data sources to compile price indices

Tanya Flower: New data sources to compile price indices (Preliminary title)

Hideaki Nakamura, Mone Imamura: Improving the accuracy of the CPI by using big data in Japan

Federico Polidoro: Combining data coming from scanner, traditional CPI data collection and other sources to compile sub-national PPPs in Italy

Ken Van Loon: Redefining what products are in the context of scanner data and web scraping, experiences from Belgium

Merav Oren-Yiftach: Automatic data collection in the Israeli CPI: measuring the sharing economy in the sector of short term rentals and web scraping for flights and hotels

Compiling housing price indices

Andrew Tomadini, Ruvani Ratnayake: Opportunities and challenges: Leveraging alternate data sources to compile the CPI Rents Index

Kate Burnett-Isaacs, Steve Martin: Unifying the individual approaches to new housing, new condominium apartments and resale residential property price indexes

Luiz Andrés Paixão: Hedonic price methods and real estate price index: an explanatory study for apartments market in Belo Horizonte, Brazil from 2004 to 2015

Price statistics that meet multiple user needs

Majed Skaini: Synergies between CPIs and PPPs and integration of survey activities'

Quality adjustment

Tanya Flower, Christopher Payne: Quality Adjustment Review of UK Consumer Price Statistics

ROOM DOCUMENTS

Vladimir G. Miranda, Pedro Kislanov da Costa, Rodrigo Ventura: Consumer price indices at IBGE: 40 years and counting

Other topics

Lincoln Teixeira da Silva, Vladimir G. Miranda, Marcelo Rubens do Amaral, Plinio Leal dos Santos: Measurement of two services components of the basket of the Brazilian Consumer Price Index (CPI) using the Continuous National Household Sample Survey (PNADC) as data source

Jan Walschots: Changing baskets in the CPI

Plinio Marcos Leal dos Santos, Lincoln Teixeira da Silva, Ivan Meirinho de Mello, Vladimir Gonçalves Miranda: Outlier detection for the National System of Costs Survey and Indices of Civil Construction (Sinapi) at The Brazilian Institute of Geography and Statistics (IBGE)

Rodrigo Ventura: Challenges of Using National Accounts for a More Frequent Update of the Brazilian CPI Weights

POSTER SESSION (II)

FRIDAY, 10 MAY 13:30-14:30

New data sources to compile price indices

Paul Pascoe, Fiona Smillie: Creating a Food Price Index Using Web Scraped Data

Sara Heledd Thomas: The use of approximate expenditure weights for web scraped data in consumer price indices

Jens Mehrhoff: Prompting the use of a publically available scanner data set in price index research and for capacity building

Martti Korhonen: New Data Sources for Rental and Housing Price Statistics in Finland

Compiling housing price indices

Brian Graf, Vanda Guerreiro: Residential property price index PRACTICAL COMPILATION GUIDE

Paulo Fernando Mahaz Simões: A Model Based Approach to Produce Commercial and Residential Property Price indices

Price statistics that meet multiple user needs

Rafael Posse, Jorge Alberto Moreno: Covering diverse needs of users with a holistic indicators project. A case: Mexico

Quality adjustment

Bernhard Goldhammer, Raffaella Traverso, Lukas Henkel: Bias related to the bridged-overlap method

Index number formulae

Can Tongur: A recursive Jevons formulation

Other topics

Mone Imamura, Taroh Nakayama: “Services in the Japanese CPI – Some Examples”

Plinio Leal dos Santos, Vladimir G. Miranda, Ivan Meirinho de Mello: Outlier detection for the National System of Costs Survey and Indices of Civil Construction (Sinapi) at The Brazilian Institute of Geography and Statistics (IBGE)

Antonio G. Chessa: MARS: A method for defining products and linking barcodes of item relauches

Gustavo Vitti Leite, Lincoln Teixeira da Silva, **Vladimir G. Miranda**, **Marcelo Rubens do Amaral**, **Plinio Leal dos Santos**: Measurement of two services components of the basket of the Brazilian Consumer Price Index (CPI) using the Continuous National Household Sample Survey (PNADC) as data source