

Micro Data Laboratory News Bulletin

- A new approach of micro-data analysis through international cooperation -

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The Ninth International Workshop

The *9th International Workshop on Analysis of Micro Data of Official Statistics* was successfully held by the Micro Data Laboratory Project at the Institute of Statistical Mathematics (ISM), Research Organization of Information and Systems (ROIS), Tachikawa City, Tokyo, Japan from 9 through 14 November 2017. The Workshop was attended by two delegates from each of three NSOs of Indonesia, Laos and Sri Lanka. In the morning of the first day of the Workshop, Dr. S. Yamashita (ISM) and Mr. A. Ito (Sinfonica) made opening speeches, which were followed by self-introduction of participants.

1. Themes of the 9th International Workshop

There were three main themes in the 9th International Workshop.

- (1) Lecturing on analysis using micro data by Japanese researchers
- (2) Delegates' clarification of micro data sets provided by the three NSOs
- (3) Comparative analysis by the delegates using the data base constructed in the Laboratory



Courtesy call on Dr. Tomoyuki Higuchi, Director-General of ISM (center) on 9 Nov. 2017



Courtesy call on Mr. Masato Chino, Director-General of SBJ (third left) on 8 Nov. 2017

2. Schedule of the Workshop

Nov. 8 (Wednesday)

[Arrival at Narita Airport]

15:30-15:55 Observation of Statistical Museum of Statistics Bureau of Japan (SBJ)

16:00-16:30 Courtesy call on Director General of SBJ

Nov. 9 (Thursday)

10:00-10:10 Opening speeches for the Workshop

Satoshi YAMASHITA (Director, Risk Analysis Research Center, ISM)

Akihiko ITO (Chairman of Sinfonica)

10:10-10:30 Briefing of the Laboratory Project

Akihiko ITO (fore-cited)

10:30-11:00 Self-introduction

11:00-12:00 Introduction to the International Official Statistical Micro Database, and guidance on International Comparative Analysis using the Database

Hiroshige FURUTA (Visiting Senior Research Fellow of Sinfonica,
Former Lecturer of UNSIAP)

13:00-13:50 Q&A for the Indonesian data sets

14:00-14:50 Q&A for the Lao data sets

15:00-15:50 Q&A for the Sri Lankan data sets

16:00-16:40 Preparation for comparative analysis (Delegates)

16:45-17:15 Courtesy call on Director General of ISM

17:30-19:30 Information exchange meeting

*Delegates: National Statistical officials from Indonesia, Laos and Sri Lanka

Nov. 10 (Friday)

09:50-10:45 Keynote speech on statistical analysis using micro data: The influence of changes in population and household structure in Asian countries on consumption structure

Mikio SUGA (Professor, Faculty of Economics, Hosei University)

11:10-12:00 Lecture by a Japanese researcher: The Structure of Income and Expenditure in Rural Areas of the Mekong Region Countries

Daisuke Sakata (Unit Chief, Office of Director-General for Policy Planning (Statistical Standards))

13:00-13:50 Lecture by a Japanese researcher: Visualization and exploratory data analysis for Vietnam Household Living Standard Survey

Takafumi Kubota (Associate Professor, Tama University)

14:00-15:00 Self-study on comparative analysis using the Database

15:15-16:45 Presentation of study plans (Delegates)

Nov. 11 (Saturday)

10:00-12:00 Self-study on comparative analysis using the Database

13:00-15:00 Self-study on comparative analysis using the Database

15:15-16:45 Presentation of revised study plans (Delegates)

Nov. 13 (Monday)

10:00-12:00 Self-study on comparative analysis using the Database

13:00-16:30 Preparation for the final presentation (Delegates)

Nov. 14 (Tuesday)

10:00-10:50 Lecture by a Japanese researcher: The Effects of Micro-Entrepreneurship on Household Income in Vietnam

Rui Takahashi (Associate Professor, Tokai University)

11:00-11:50 Presentation of the results of the comparative analysis

Delegates of Indonesia

13:00-13:50 Presentation of the results of the comparative analysis

Delegates of Laos

14:00-14:50 Presentation of the results of the comparative analysis

Delegates of Sri Lanka

15:00-16:00 Observation of ISM including the Laboratory Database Site

16:10-16:20 Closing remarks

Akihiko ITO (fore-cited)

Nov. 15 (Wednesday)

[Departure from Narita Airport]

3. List of Participants and Collaborators

◆ Delegates of National Statistical Offices (in the alphabetical order of country name and last name)		
Indonesia	Ms. Tiyas Ambarsari	Staff, Statistical Consultation Section, Directorate of Dissemination Statistics, BPS
	Mr. Nur Sahrizal	Head of Subdirectorate, Household Statistics, Directorate of Social Welfare Statistics, BPS
Lao PDR	Mr. Kingphet Atsanavong	Director of IT Division, Data Service Department, LSB
	Mr. Thipsavanh Intharack	Director General of Data Service Department, LSB
Sri Lanka	Ms. U. Sunila Dilrukshi	Statistician, Sample Surveys Division, Department of Census and Statistics
	Ms. B.G. Kumari Premalatha	Senior Statistician, Head of District Statistical Branch in Rathnapura District, Department of Census and Statistics

◆ Lecturers (in the alphabetical order of last name)		
Japan	Dr. Takafumi KUBOTA	Associate Professor, Tama University
	Mr. Daisuke SAKATA	Unit Chief, Office of Director-General for Policy Planning (Statistical Standards)
	Mr. Rui TAKAHASHI	Associate Professor, Tokai University

◆ Organizing Committee (in the alphabetical order of last name)		
	Mr. Susumu ARAI	Adviser, Sinfonica
	Dr. Yasumasa BABA	Professor Emeritus of ISM, Visiting Senior Research Fellow of Sinfonica
	Mr. Hiroshige FURUTA	Visiting Senior Research Fellow of Sinfonica, Former Lecturer of UNSIAP
	Mr. Akihiko ITO	Chairman of Sinfonica
	Dr. Yoshiro MATSUDA	Professor Emeritus of Hitotsubashi University and Tokyo International University, Visiting Senior Research Fellow of Sinfonica
	Dr. Motoi OKAMOTO	Research Administrator of ISM
	Mr. Joji SAWADA	Director, First R&D Department, Sinfonica
	Dr. Mikio SUGA	Professor, Faculty of Economics, Hosei University
	Dr. Satoshi YAMASHITA	Director, Risk Analysis Research Center, ISM



One scene of the presentation session in the Workshop on 14 Nov. 2017

4. Presentation of the Results of Comparative Studies by the Delegates

The delegates were requested to conduct international comparative studies using the data sets which had been compiled at the Laboratory by resampling at a rate of 80%. They were also requested to review the original data sets provided by the three respective countries. Through this self-study work led by Mr. H. Furuta, former lecturer of UNSIAP, they recognized the importance and effectiveness of, and the difficulties in using micro data of official statistics. The study results were reviewed in the final presentation session to be revised accordingly.

<i>Presentation Title</i>	<i>The structure of expenditure in urban areas of Indonesia and Lao PDR using Engel's law model</i>
Indonesia	Mr. Nur Sahrizal and Ms. Tiyas Ambarsari
<i>Presentation Title</i>	<i>Comparison expenditure for health care between Lao PDR and Indonesia</i>
Lao PDR	Mr. Thipsavanh Intharack and Mr. Kingphet Atsanavong
<i>Presentation Title</i>	<i>Differences between household income components of urban & rural sectors - Sri Lanka HIES 2012/13 & Lao PDR LECS4 2007</i>
Sri Lanka	Ms. U. Sunila Dilrukshi and Ms. B.G. Kumari Premalatha



Group photo at the entrance of ISM on 10 Nov. 2017

5. Future Activities

Based on the Charter of an Experimental Laboratory for Research Purpose Statistical Use of Micro Data (LMD which was signed or endorsed by 9 member countries), we continue to resample the original data sets at a rate of 80% to construct the Laboratory data base.

We plan to continue to hold such a workshop once a year; inviting statisticians from member NSOs by rotation; ask them to clarify about the micro data sets provided to LMD; and examine the usefulness of the above mentioned resampled data sets.

Although we plan to invite only two persons from one country to the workshop every year due to financial availability, member NSOs are quite welcome to send more statisticians to the workshop on their own account. Of course, we will ask ISM to provide them with AKAIKE Guest House accommodations at a very reasonable cost.

On this opportunity, we express our sincere gratitude for the cooperation and contribution provided so far by the member countries and we request them to continue to provide the Laboratory with the latest or newer data sets when they become available.

Further notice in this matter will be issued from time to time by e-mail etc.



Akihiko Ito

Chairman of Sinfonica