

Micro Data Laboratory News Bulletin

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

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The Eighth International Workshop

The *8th 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 1 through 6 December 2016. The Workshop was attended by two delegates from each of three NSOs of Bangladesh, Mongolia and Vietnam. 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 8th International Workshop

There were three main themes in the 8th 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 (third right) on 1 Dec. 2016

2. Schedule of the Workshop

Dec. 1 (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 (forecited)

10:30-11:00 Self-introduction



Dr. Yamashita



Mr. Ito

11:00-12:00 Outline of the International Micro Database and guidelines for the Workshop of International Comparative Study

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



Mr. Furuta

13:00-14:00 Preparation for the comparative study by the Delegates

14:10-15:10 Keynote speech on statistical analysis using micro data:

Happiness of Family and Income Distribution

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



Dr. Suga

15:20-16:20 Observation of the ISM's facilities, etc.

16:30-17:00 Courtesy call on Director General of ISM

17:30-20:30 Information exchange meeting

Dec. 2 (Friday)

10:00-11:00 Q&A for the Vietnamese data sets

11:00-12:00 Q&A for the Mongolian data sets

13:00-14:00 Q&A for the Bangladesh data sets

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

15:15-16:45 Presentations of their study plans by the Delegates

Dec. 3 (Saturday)

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

13:00-16:30 Self-study on comparative analysis using the Database

Dec. 5 (Monday)

10:00-12:00 Preparation for the final presentation by the Delegates

13:20-14:50 (Move from ISM to Statistics Bureau of Japan (SBJ))

15:00-15:30 Courtesy call on Director General of SBJ

15:30-16:10 Lecture: Outline of surveys of family income and expenditure in Japan

Nobuyuki TAKAOKA (Consumer Statistics Division, SBJ)

16:15-16:45 Observation of Statistical Museum of SBJ

16:45-18:30 (Return to ISM)

Dec. 6 (Tuesday)

10:00-10:50 Lecture by a Japanese researcher : The Effects of Climate Change on Poverty in Vietnam

Rui TAKAHASHI (Associate Professor, Tokai Univ.)

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

Delegates of Bangladesh

13:15-14:00 Lecture by a Japanese researcher : Analysis on the Economic Structure of Rural Area in Vietnam

Daisuke SAKATA (Assistant Professor, Rikkyo Univ.)

14:10-15:00 Presentation of the results of the comparative study

Delegates of Mongolia

15:10-16:00 Presentation of the results of the comparative study

Delegates of Vietnam

16:10-16:40 Lecture by a Japanese researcher : Exploratory data analysis of education and medical situation of youth in Vietnam

Takafumi KUBOTA (Associate Professor, Tama Univ.)

16:45-17:00 Closing remarks



Courtesy call on Mr. Masato Aida, Director-General of SBJ (third right) on 5 Dec. 2016

3. List of Participants and Collaborators

◆ Delegates of National Statistical Offices (in the alphabetical order of country name)		
Bangladesh	Mr. Kabir Uddin Ahmed	Joint Director, Industry and Labour Wing, BBS
	Mr. Mohammad Salim Sarker	Deputy Director, Computer Wing, BBS
Mongolia	Ms. Khenbish Nyamkhuu	State Inspector, Population and Social Statistics Department, NSO
	Mr. Otgonbayar Gantulga	Officer, Foreign Relation Division, Integrated Policy and Cooperation Department, NSO
Vietnam	Ms. Dinh Thi Thuy	Statistician, Integrated Statistics Department, GSO
	Ms. Nghiem Thi Van	Statistical Officer, National Account Statistics Department, GSO

◆ Lecturers (in the alphabetical order of country and surname)		
Japan	Mr. Hiroshige FURUTA	Former Lecturer of UNSIAP, Visiting Senior Research Fellow of Sinfonica
	Dr. Takafumi KUBOTA	Associate Professor, Tama University
	Mr. Daisuke SAKATA	Assistant Professor, Rikkyo University
	Dr. Mikio SUGA	Professor, Faculty of Economics, Hosei University
	Mr. Rui TAKAHASHI	Associate Professor, Tokai University

◆ Participants from ISM and Sinfonica		
ISM	Dr. Satoshi YAMASHITA	Director, Risk Analysis Research Center, ISM
	Dr. Yasumasa BABA	Professor Emeritus of ISM, Visiting Senior Research Fellow of Sinfonica
	Dr. Motoi OKAMOTO	Research Administrator of ISM
Sinfonica	Mr. Akihiko ITO	Chairman, Sinfonica
	Mr. Joji SAWADA	Director, First R&D Department, Sinfonica
	Mr. Susumu ARAI	Adviser, Sinfonica



One scene of the final presentation session in the Workshop on 6 Dec. 2016

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>Comparative analysis of Microdata : Mongolia vs Bangladesh - Income and expenditure differences by gender of the head of the household -</i>
Researchers	Mr. Kabir Uddin Ahmed and Mr. Mohammad Salim Sarker
<i>Presentation Title</i>	<i>Differences between household income components of Mongolia & Bangladesh for urban & rural areas</i>
Researchers	Mr. Otgonbayar Gantulga and Ms. Khenbish Nyamkhuu
<i>Presentation Title</i>	<i>Patterns of household expenditures: A comparative analysis using the datasets of Vietnam and Mongolia</i>
Researchers	Ms. Nghiem Thi Van and Ms. Dinh Thi Thuy



Group photo at the back entrance of ISM on 6 Dec. 2016

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 House accommodations at a very reasonable cost.

We plan to publish the study results accomplished by delegates during the successive workshops after review and revision.

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