The International Association for Statistical Computing (IASC) announces a:

**DATA ANALYSIS COMPETITION** as part of **2013 YEAR OF STATISTICS**.

**IASC** is an Association of the International Statistical Institute (ISI) and aims to foster world-wide exchange of technical knowledge among statisticians, computing professionals, organizations, governments and the general public, to convert data into information and knowledge.

For the 2013 Data Competition, winners will be invited to present their results at the IASC Satellite Conference in Seoul, Korea (22-23 August 2013) and to submit a manuscript for possible publication (following peer review) to IASC's official journal, Computational Statistics & Data Analysis.

**DATA COMPETITION GUIDELINES:**

Your primary data set must come from one of the education-related data sets from


This is the link with the identification

"UIS Data Centre UNESCO Institute for Statistics (UNESCO UIS)"

and accompanying information:

The UNESCO Institute for Statistics (UIS) provides UNdata with a subset of the more than 1,000 indicators which may be found in the UIS Data Centre. The UIS Data Centre contains indicators and raw data on education, literacy, science, culture and communication. The UIS collects these data from more than 200 countries and international organizations.

The UIS is the primary data source of education, literacy and science data for leading publications and databases, such as:

- Education For All Global Monitoring Report
- World Development Indicators

One of the goals of this competition is to connect the information in this data set with suitable relevant data sets. Some examples (also from the same web site) include:

- National Accounts Estimates of Main Aggregates
- Environment Statistics (water, waste)
- Energy Statistics
- Crime Statistics

Note that the years of coverage for all datasets are not the same, and that, in some cases, the “raw data” may need to be standardized to ensure comparability across nations (e.g., standardizing for different population age distributions of the different countries).

In addition, you can use any other available data sets that are available online.

You must clearly specify in your poster how others can obtain your data, i.e., by listing the starting URL and the steps required to obtain the data.

In your analysis, you may concentrate on a single country (e.g., your own country), a block of countries in an economic or political region, or even the entire world.

You can also focus on a single year or on the temporal development, or on subregions/subareas within a country (if you can obtain such data).
You are allowed to work individually or in a small group of up to five participants on your poster.

Posters will be judged according to these criteria:

a) Appropriateness of analysis
b) Novelty of approaches used in the analysis
c) Clarity of objectives, approaches, displays, and results
d) Significance of findings
e) Generalizability of approaches to data sets in other arenas
f) Overall quality of poster

Not all posters are expected to meet all five criteria to the same degree. Your poster may (but need not) be accompanied by a short description (maximum five pages).

All materials must be submitted in .pdf format (see email address below).

**FINAL SUBMISSIONS (PDF) ARE DUE ON 15 MAY 2013 (Extended deadline).**
SUBMIT TO: data.competition@stat.sinica.edu.tw

**WINNERS WILL BE NOTIFIED BY AROUND 22 MAY 2013. WINNERS MAY BE ELIGIBLE TO RECEIVE PARTIAL SUPPORT TO PRESENT THEIR POSTER AT THE IASC SATELLITE CONFERENCE IN SEOUL, KOREA, 22-23 AUGUST 2013. "HONORABLE MENTION" CERTIFICATES WILL ALSO BE AWARDED.**

**For inquiries about the competition:**
- http://www3.stat.sinica.edu.tw/data.competition
  (Contact for further inquiries: Prof Yuan-Chin Ivan Chang: ycchang@stat.sinica.edu.tw)

**For more information:**
- http://www.iasc-is.org/node/2 (IASC Mission)

Prof. Chun-houh Chen: cchen@stat.sinica.edu.tw
(Chair, 2013 Data Competition Committee of Judges)