Statistics Poster Competition 2022

The Department of Statistics and Data Science, NUS, is organizing a yearly competition for pre-university students. The objective of the competition is to expose young people to concepts and methods used in statistics and data science.

Participation

Participation is open to all students of secondary schools, polytechnics and junior colleges in Singapore.

Format of the competition – Poster

Submissions have to be in form of a poster, in which students attempt to answer a well specified question by means of specific data set.

Students may work individually or in teams. The maximum number of students per team is five. Students will work on their entries under their teachers' supervision.

Students are free to choose a topic of their interest and they are free to choose a data set related to that topic. They are also free to formulate the specific questions they would like to answer with that data set.

For your reference: ISLP poster session presentation 2015.pdf (iase-web.org)
Here is a list of websites where you can find interesting data sets:

- www.singstat.gov.sg
- www.kaggle.com
- www.opendatanetwork.com
- data.unicef.org
- www.google.com/publicdata/directory
- www.gapminder.org/data/

Poster requirements

1. Poster must be of A1 size. 3-Dimensional poster will not be accepted.

2. Any layers of paper on posters must be affixed securely. The poster should be suitable for hanging.

3. Posters must be the original design and creation of the participants themselves. Computer graphics may be used.

4. Subject matter is the choice of the participant(s) or their classmates. A listing of the original data, brief description of method of data collection and purpose of the experiment should also be taped to the back of the poster. Please cite references for published data.

5. Submit the Entry Application form with the poster. Be sure the poster itself gives no information that identifies the team or school.

6. All posters submitted become the property of the sponsors and partners and will not be returned. By submitting a poster entry, participants agree that the poster may be displayed by the sponsors and partners and featured in their publications.

Judging

Submissions will be evaluated by faculty members of the Department of Statistics and Data Science, NUS, according to the following criteria:

- Motivation of the analysis and relevance to society/research; originality of topic
- Organization of report; readability and quality of language
- Quality of data collection; quality of tables and plots
- Appropriateness and correctness of statistical procedures
- Appropriateness of citations and bibliography

Decisions made by the panel of judges will be final.

Prizes

The prizes in each age group of the competition are as follows:
First Prize: $500 Cash
Second Prize: $400 Cash
Third Prize: $300 Cash

Certificates of participation will be awarded to all participants. All winning entries will be published on the departmental website. All prize-receiving teams will be qualified to submit a poster to the *International Poster Competition 2022/23*, organized by the *International Statistical Literacy Project* (ISLP, see iase-web.org/islp). The topic of the poster competition will be announced by the ISLP in 2022, and the competition itself will be held in 2023.

Fee
No registration fee.

Deadline
30 September 2022.
Late submissions will not be accepted except under special circumstances.

Contact for submissions and general questions
Ms. Valerie Soh (val.soh@nus.edu.sg)