



CALL OF THE DATA ANALYSIS COMPETITION 2021

The International Association for Statistical Computing (IASC) announces the **Data Analysis Competition 2021**.

IASC is an Association of the International Statistical Institute (ISI) whose objectives are to promote the theory, methods, and practice of statistical computing and to foster interest and knowledge in effective and efficient statistical computing through international contacts among researchers and professionals in statistics, computer science, and related areas at universities, organizations, institutions, governments, and the general public in different countries of the world, to convert data into information and knowledge.

For the 2021 Data Competition, winners will be invited to present their work at the **Data Science, Statistics, and Visualisation Conference (DSSV-2021)** to be held at **Erasmus University, Rotterdam (July 7-9, 2021)** or at some other event organized by IASC (see <https://iasc-isi.org/events-all/>), depending on the current COVID-19 situation. The winners will also be invited to submit a manuscript for possible publication (following peer review) to IASC's **Journal of Data Science, Statistics, and Visualisation** (see <https://jdssv.org>). In addition, IASC will sponsor participation at the virtual **63rd ISI World Statistics Congress (July 12-16, 2021)** and **one year IASC membership** to all authors of submissions selected by the Committee on Data Analysis Competition; see <https://iasc-isi.org/become-a-member/> for an overview of IASC membership benefits.

The theme of the 2021 competition is around the **analysis of quality-of-life related data** and the submission should clearly describe the significance of your findings either for individuals or for the society. The primary data set may come from one or more databases but connecting information from different databases may help to obtain interesting and original conclusions.

There are currently many sources related to the spread of COVID-19, allowing to investigate topics like social inequalities in post-COVID-19 world or to compare effects of governments' actions, but we encourage you to investigate also any other quality-of-life related issues (health, education, environment, social inequalities, etc.) In your analysis, you may concentrate on individuals, a single region (e.g., your own country), a continent or even the entire world.

Your entry must be submitted as a poster in PDF format and you must clearly specify the source of your data, i.e., by listing the relevant URLs and the steps required to obtain the data.

The competition is open to everyone who is interested in presenting their poster at **WSC 2021**. 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:

1. Appropriateness of analysis.
2. Novelty of approaches used in the analysis.
3. Clarity of objectives, approaches, data management, displays, and results.
4. Significance of findings.
5. Generalizability of approaches to data sets in other areas.
6. Overall quality of poster.

Not all posters are expected to meet all criteria to the same degree. Your poster may contain links to databases, computer programs, animations, and other external sources and it may (but need not) be accompanied by a short description (maximum five pages). All materials must be submitted in PDF format.

Updates and results of previous editions of the Data Analysis Competition may be found at <https://iasc-isi.org/data-analysis-competition/>

DEADLINE FOR SUBMISSION:

Final submissions (PDF) are due on **30-th April 2021**.

Submit to: dac.iasc@email.cz

FURTHER INFORMATION:

For all inquiries contact:

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