



Promoting the Practice and Profession of Statistics

Publications of the American Statistical Association

Journals

Journal of the American Statistical Association (JASA)

Established in 1888 and published quarterly in March, June, September, and December, the *Journal of the American Statistical Association (JASA)* has long been considered the premier journal of statistical science. Articles focus on statistical applications, theory, and methods in economic, social, physical, engineering, and health sciences and on new methods of statistical education. Important books contributing to statistical advancement are reviewed in *JASA*.

<http://pubs.amstat.org/loi/jasa>

The American Statistician (TAS)

Published quarterly by the American Statistical Association, *The American Statistician* contains timely, general-interest articles about current national and international statistical problems and programs, organized into the following sections: Statistical Practice, General Topics, Teacher's Corner, History Corner, Interdisciplinary, Statistical Computing and Graphics, Reviews of Books and Teaching Materials, and Letters to the Editor.

<http://pubs.amstat.org/loi/tas>

Journal of Business and Economic Statistics (JBES)

JBES publishes a range of articles, primarily applied statistical analyses of microeconomic, macroeconomic, forecasting, business, and finance related topics. More general papers in statistics, econometrics, computation, simulation, or graphics are also appropriate if immediately applicable to the journal's general topics of interest. Articles published in *JBES* contain significant results, high-quality methodological content, excellent exposition, and usually include a substantive empirical application.

<http://pubs.amstat.org/loi/jbes>

Statistics in Biopharmaceutical Research

Statistics in Biopharmaceutical Research (SBR) publishes articles that focus on the needs of researchers and applied statisticians in biopharmaceutical industries; academic biostatisticians from schools of medicine, veterinary medicine, public health, and pharmacy; statisticians and quantitative analysts working in regulatory agencies (e.g., U.S. Food and Drug Administration and its counterpart in other countries); statisticians with an interest in adopting methodology presented in this journal to their own fields; and non-statisticians with an interest in applying statistical methods to biopharmaceutical problems.

<http://pubs.amstat.org/loi/sbr>

Journal of Computational and Graphical Statistics (JCGS)

The purpose of *JCGS* is to improve and extend the use of computational and graphical methods in statistics and data analysis. Established in 1992, this journal contains cutting-edge research, data, surveys, and more on numerical graphical displays and methods, and perception. Articles are written for readers who have a strong background in statistics but are not necessarily experts in computing. Published quarterly, *JCGS* is jointly published by the American Statistical Association, the Institute of Mathematical Statistics and the Interface Foundation of North America.

<http://pubs.amstat.org/loi/jcgs>

Journal of Statistics Education (JSE)

The *Journal of Statistics Education* is an online-only journal that includes articles focusing on improving statistics education at all levels, including elementary, secondary, post-secondary, post-graduate, continuing, and workplace. *JSE* is for anyone who teaches statistics, as well as those interested in research on statistical and probabilistic reasoning.

Freely available online at <http://www.amstat.org/publications/jse/>

Joint Publications

Significance – Statistics Making Sense

The American Statistical Association (ASA) and the Royal Statistical Society (RSS) published their first joint issue of *Significance*, a magazine about statistics and data in the real world, with the September 2010 issue. *Significance* is a high quality, highly respected and well circulated publication that is directed not only to statisticians but also to the general public interested in statistics and the analysis and use of data. The quarterly magazine, which the RSS established in and has published since 2004, uses non-statistical language to communicate and demonstrate, in an entertaining and thought-provoking way, the practical use of statistics in all walks of life and to show how statistics benefit society.

<http://www.significancemagazine.org/sig/holding/index.html>

Chance

Jointly published by the American Statistical Association and Springer-Verlag, *Chance* is a magazine about statistics and the use of statistics in society. It is intended for everyone who has an interest in the analysis of data. *Chance* features articles that showcase the use of statistical methods and ideas in the social, biological, physical, and medical sciences. It also presents material about statistical computing and graphical presentation of data. Through its regular departments and columns, *Chance* keeps its readers informed about developments and ideas in a variety of areas including government statistics and sports.

<http://www.amstat.org/publications/chance/>

Journal of Agricultural, Biological, and Environmental Statistics (JABES)

Published jointly with the International Biometrics Society, the purpose of *JABES* is to contribute to the development and use of statistical methods in the agricultural sciences, biological sciences (including biotechnology), and environmental sciences (including those dealing with natural resources). Articles are of immediate and practical value to applied researchers and statistical consultants in these fields.

<http://www.springerlink.com/content/121716/?p=1769be402e8849a79fb1c1667a5665ff&pi=30>

Journal of Educational and Behavioral Statistics (JEBS)

The *JEBS* is an outlet for papers that develop original statistical methods useful for the applied statistician working in educational or behavioral research. In addition, critical reviews of current practice, tutorial presentations of less well-known methods, and novel applications of already known methods are published. Published quarterly, *JEBS* is a joint publication of the American Educational Research Association and the American Statistical Association.

<http://ojs.era.net/journals/index.php/jebs>

Journal of Quantitative Analysis in Sports (JQAS)

A partnership between ASA and Berkely Electronic Press (bepress) has resulted in the joint publication of *JQAS*, to which each organization brings their unique expertise. Since 2005, *JQAS* has been a forum for scholars on the cutting edge of research in quantitative sports analysis. ASA members will have free online access to the publication.

<http://www.bepress.com/jqas/>

Journal of Nonparametric Statistics (JNPS)

JNPS provides a medium for the publication of research and survey work in nonparametric statistics and related areas.

Both the theory and applications of nonparametric statistics are covered in *JNPS*.

<http://www.tandf.co.uk/journals/gnst>

Statistics Surveys

Statistics Surveys is a unique, online-only journal, which is available to everyone at no cost, is a partnership between the ASA, the Institute of Mathematical Statistics, the Bernoulli Society, and the Statistical Society of Canada. The journal publishes survey articles in theoretical, computational, and applied statistics. The style of articles may range from reviews of recent research to graduate textbook exposition.

<http://www.i-journals.org/ss/>

Statistical Analysis and Data Mining (SAM)

Statistical Analysis and Data Mining addresses the broad area of data analysis, including data mining algorithms, statistical approaches, and practical applications. Topics include problems involving massive and complex datasets, solutions utilizing innovative data mining algorithms and/or novel statistical approaches, and the objective evaluation of

analyses and solutions. SAM is a useful resource to those solving practical problems, at the same time enabling them to benefit from ideas developed in other domains.

<http://onlinelibrary.wiley.com/journal/10.1002/%28ISSN%291932-1872>

Journal of Statistical Software (JSS)

Established in 1996, the *Journal of Statistical Software* publishes articles, book reviews, code snippets, and software reviews. The contents are freely available online at <http://www.jstatsoft.org/>. For both articles and code snippets, the source code is published along with the paper.

<http://www.amstat.org/publications/jss.cfm>

Technometrics

Published jointly with the American Society for Quality, the mission of *Technometrics* is to contribute to the development and use of statistical methods in the physical, chemical, and engineering sciences, as well as quality control and industrial systems. *Technometrics* publishes papers that describe new statistical techniques, illustrate innovative application of known statistical methods, or review methods, issues, or philosophy in a particular area of statistics or science, when such papers are consistent with the journal's objective.

<http://pubs.amstat.org/loi/tech>

Other Publications

Amstat News

Amstat News is the monthly membership magazine of American Statistical Association, containing news and notices of the ASA, its chapters, its sections, and its members. Other features include announcements, calendars of upcoming meetings, and notices of employment opportunities in statistics.

<http://www.amstat.org/publications/amsn/index.cfm?fuseaction=main>