Highlights

FDR, ROC, and BYE

In recent years, *Statistica Sinica* has expanded its themed issues to include "self-organized" ones, such as the FDR and ROC theme in this issue. The fact that there are enough papers for a themed issue, without a deliberate organizing effort, indicates a great interest in these topics. The theme grouping, therefore, allows us to invite leading scholars to provide, via editorials, their insights and perspectives on such topics.

We are very fortunate to have two such editorials for the current issue. Professor Bradley Efron, who has made numerous seminal contributions to statistics, provides a refreshing perspective on FDR and its connection with James-Stein estimation. Professor Peter Westfall, a leading researcher and developer of multiple hypotheses testing procedures, introduces the collection of papers by highlighting the similarities and differences between the problems addressed by FDR and ROC. Both editorials are very appetizing, and we trust that they will assist the reader to better digest the rest of the issue.

All parties must end, no matter how enjoyable they have been — this is the last highlights we write. Over the past three years we have been privileged to pre-view more than 1,000 papers, of course, with wonderful support from the editorial board. Although there were bumps along the road, the board has proudly reached its goal of improving the quality of *Statistica Sinica* and the general review culture in our profession. The current citation and submission records show that *Statistica Sinica* has become more evenly distributed in the United States, Canada, European regions and East Asia, attracting more diversified worldwide attention. Therefore, a big THANK YOU and three bows are due to our entire board and to all of you for your intellectual and moral support!

We would like to share some departing advice to anyone who may become a chief editor someday: to an editor, there is nothing more important than projecting the BYE (Bring Your Enthusiasm) attitude at every level of the editorial endeavor. So, BYE, everyone!

— Michelle Liou and Xiao-Li Meng

Bradley Efron is the Max H. Stein Professor of Statistics and Biostatistics at Stanford University's School of Humanities and Sciences and the Department of Health Research and Policy with the School of Medicine. He completed his undergraduate work in mathematics at the California Institute of Technology, and earned his doctorate in statistics from Stanford in 1964, joining the Stanford faculty that same year. He was Associate Dean for the School of Humanities and Sciences from 1987 to 1990, served a term as Chair of the Faculty Senate as well as three terms as Chair of the Department of Statistics, and continues as Chairman of the Mathematical and Computational Sciences Program. He has served as president of the American Statistical Association and of the Institute of Mathematical Statistics. He is a past editor of the Journal of the American Statistical Association and is presently the founding editor of the Annals of Applied Statistics. Among the numerous honors that he has received are Fellowships of the American Academy of Arts and Sciences, the American Statistical Association, the Institute of Mathematical Statistics, the Royal Statistical Society, the International Statistical Institute and the MacArthur Fellows Program of the John D. and Catherine T. MacArthur Foundation. He is a member of the U.S. National Academy of Sciences, a recipient of the Ford Prize of the Mathematical Association of America and of both the Wilks Medal and the Noether Prize of the American Statistical Association. He was awarded the 1998 Parzen Prize for Statistical Innovation by Texas A&M University, and the first-ever Rao Prize for outstanding research in statistics by Pennsylvania State University in 2003. He received the 2005 National Medal of Science "for his contributions to theoretical and applied statistics, especially the bootstrap sampling technique; for his extraordinary geometric insight into nonlinear statistical problems; and for applications in medicine, physics and astronomy."

Peter Westfall is the Paul Whitfield Horn Professor of Statistics and the James Niver Professor of Information Systems and Quantitative Sciences at Texas Tech University. He has consulted with various companies and government agencies for 20 years and has published more than 90 articles and three books on statistical theory and practice. He is the lead author of the books Resampling-Based Multiple Testing: Examples and Methods for p-Value Adjustment (Wiley, 1993), Multiple Comparisons and Multiple Tests Using the SAS System (SAS Books by Users, 1999), and Multiple Comparisons and Multiple Tests Using the SAS System Workbook (SAS Books by Users, 2000). He received the Most Outstanding Applications Paper Award from the American Statistical Association, and won the 2005 Excellence in Continuing Education Award from the American Statistical Association. He is the current editor of The American Statistician, a Fellow of the American Statistical Association, and a Fellow of the American Association for the Advancement of Science.