

Preface

Professor Sreenivasa Rao Jammalamadaka, formerly known as J.S. Rao and affectionately known to most of us as JS, was born on December 7, 1944, at Munipalle, India. Being under-aged for engineering studies was a blessing in disguise, and he was among the first batch of students selected for the Bachelor of Statistics (B. Stat.) degree at the Indian Statistical Institute (ISI), Kolkata. He received his Masters and Ph.D. degrees also from the ISI, and has the distinction of being the first B.Stat.-M.Stat.-Ph.D. of the ISI. He received his education from such legendary figures as Professors P.C. Mahalanobis, J.B.S. Haldane, C.R. Rao, and D. Basu among others, and worked with Professor C.R. Rao for his Ph.D. (1969) on path-breaking research in the then newly emerging area of directional data analysis.

JS moved to the USA in 1969 and was a faculty member at the Indiana University and then at the University of Wisconsin, Madison, before he moved to the University of California, Santa Barbara (UCSB) in 1976, where he has remained since then. At UCSB he played a pivotal and leading role in creating the new Department of Statistics and Applied Probability and was its first Chairman. He has been a prodigious mentor to the graduate students in that department, having provided guidance to as many of 35 Ph.D. students, at the last count. Throughout his career, JS has been extraordinarily generous to his colleagues in India, inviting them to the US and spending many of his sabbaticals helping Universities in India as well as in other countries.

JS has published extensively in leading international journals. His research work spans a wide spectrum which includes: goodness-of-fit tests, linear models, non-parametric and semi-parametric inference, Bayesian analysis, reliability, spacings statistics, and most notably, directional data analysis. He has written several books, both for undergraduate students as well as for advanced researchers. He has collaborated with a large number of researchers from around the world in general, and from India in particular. A Fellow of both the ASA and the IMS among other professional organizations, he has served nobly the cause of statistics at many national and international levels, including that of the President of the International Indian Statistical Association.

The present volume consists of papers written by students, colleagues and collaborators of JS from various countries, and covers a variety of research topics which JS enjoys and contributed immensely to. We are deeply thankful to these distinguished

authors for their contributions. We thank the anonymous referees for their reviews and suggestions. We also profoundly thank Dr. Kaushik Ghosh; his technical savvy, editorial contributions, and deep dedication to this project was extremely important in bringing this volume to fruition. Finally, it is a pleasure to acknowledge the understanding, patience and cooperation of Springer-Verlag in bringing out this volume. It is with great pleasure and pride that we present to our readers this volume, a Festschrift in celebration of the 65th birth anniversary of JS. We also take this opportunity to wish JS many, many more years of active research which will enrich the statistical sciences as well as foster further academic collaborations from far and wide.

Ithaca, NY
Kolkata, India
June 2010

Martin T. Wells
Ashis SenGupta

Advances in Directional and Linear Statistics

A Festschrift for Sreenivasa Rao Jammalamadaka

Wells, M.T.; Sengupta, A. (Eds.)

2011, XIII, 321 p., Hardcover

ISBN: 978-3-7908-2627-2

A product of Physica-Verlag Heidelberg