

Contents

| | |
|--|-----|
| Preface | |
| <i>Javier Rojo</i> | v |
| List of Contributors | |
| | vii |
| Scientific Program | |
| | ix |
| List of Participants | |
| | xvi |
| Acknowledgement of referees' services | |
| | xx |
| Erich L. Lehmann, The Lehmann Symposia, and November 20th 1917 | |
| <i>Javier Rojo</i> | 1 |
| The Honorable Erich L. Lehmann | |
| <i>Stephen Stigler</i> | 8 |
| Some History of Optimality | |
| <i>Erich L. Lehmann</i> | 11 |
| An Optimality Property of Bayes' Test Statistics | |
| <i>Raghu Raj Bahadur and Peter J. Bickel</i> | 18 |
| On the Non-Optimality of Optimal Procedures | |
| <i>Peter J. Huber</i> | 31 |
| Proportional Hazards Regression with Unknown Link Function | |
| <i>Wei Wang, Jane-Ling Wang and Qihua Wang</i> | 47 |
| Semiparametric Models and Likelihood - The Power of Ranks | |
| <i>Kjell Doksum and Akichika Ozeki</i> | 67 |
| On Bootstrap Tests of Hypotheses | |
| <i>Wei-Yin Loh and Wei Zheng</i> | 93 |
| Nonparametric Estimation for Lévy Models Based on Discrete-Sampling | |
| <i>José E. Figueroa-López</i> | 117 |
| On the Estimation of Symmetric Distributions under Peakedness Order Constraints | |
| <i>Javier Rojo and José Batún-Cutz</i> | 147 |
| A Functional Generalized Linear Model with Curve Selection in Cervical Pre-cancer Diagnosis Using Fluorescence Spectroscopy | |
| <i>Hongxiao Zhu and Dennis D. Cox</i> | 173 |
| Nonparametric Estimation of Hemodynamic Response Function: A Frequency Domain Approach | |
| <i>Ping Bai, Young Truong and Xuemei Huang</i> | 190 |
| Mixed Models, Posterior Means and Penalized Least-Squares | |
| <i>Yolanda Muñoz Maldonado</i> | 216 |
| From Charged Polymers to Random Walk in Random Scenery | |
| <i>Xia Chen and Davar Khoshnevisan</i> | 237 |
| Recovery of Distributions via Moments | |
| <i>Robert M. Mnatsakanov and Artak S. Hakobyan</i> | 252 |

| | |
|--|-----|
| Asymptotic Efficiency of Simple Decisions for the Compound Decision Problem <i>Eitan Greenshtein and Ya'acov Ritov</i> | 266 |
| Large Sample Statistical Inference for Skew-Symmetric Families on the Real Line <i>Rolando Cavazos-Cadena and Graciela González-Farías</i> | 276 |
| Parametric Mixture Models for Estimating the Proportion of True Null Hypotheses and Adaptive Control of FDR <i>Ajit C. Tamhane and Jiaxiao Shi</i> | 304 |
| Bayesian Decision Theory for Multiple Comparisons <i>Charles Lewis and Dorothy T. Thayer</i> | 326 |
| The Challenges of Model Objective Selection and Estimation for Ad-hoc Network Data Sets <i>Farinaz Koushanfar and Davood Shamsi</i> | 333 |
| A Note on the Investment Proportions of a Minimum-Variance Equity Portfolio <i>Wilhelmine von Türk</i> | 348 |