

Preface

We are delighted to introduce the proceedings of the International Conference on Statistics and Analytics 2019 (ICSA 2019). This conference has brought researchers, academicians, and practitioners around the world who are leveraging and developing statistical approach to analyze data and efficient algorithms to learn and collect information from data. The theme of ICSA 2019 was “learning from data to drive improvement”. ICSA 2019 was an initiative to elevate the role of statistics in the society where the data are around. This significant event aims to be a comfort place for the statisticians as well as data and applied scientists to share, to exchange, to actualize their ideas, their thought, their proposal so that we can grow big together.

The technical program of ICSA 2019 consisted of 13 invited speakers, 107 contributing speakers, and 15 oral presenters. The invited speakers were including Prof. Khairil Anwar Notodiputro (IPB University), Dr. Arief Sobirin (Leeds University), Kaspar Situmorang, M.Sc. (BRI Digital), Prof. Shigehiko Kanaya (NAIST-Japan), Dr. Budi Susetyo (IPB University), Prof. Aji Hamim Wigena (IPB University), Dr. Krittiya Duangmanee (Prince of Songkla University), Rifan Kurnia, M.Si. (Bukalapak), Prof. Don McNeil (MacQuarie University), Prof. M. Arif Tiro (State University of Makassar), Dr. Henry Junus Wattimanela (University of Pattimura), Dr. Jerry D.T. Purnomo (Sepuluh Nopember Institute of Technology), and Dr. Sarini Abdullah (University of Indonesia).

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We strongly believe that ICSA 2019 conference provides a good forum for all researchers, academicians, data scientists, and practitioners to discuss many relevant aspects to the development of statistical science. We also expect that the future ICSA conference will be as successful and stimulating, as indicated by the contributions presented in this volume.

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