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## Education

- 2007 DOCTOR OF PHILOSOPHY IN STATISTICS, UNIVERSITY OF MICHIGAN-ANN ARBOR, UNITED STATES
- 2004 MASTER OF ARTS IN APPLIED STATISTICS, UNIVERSITY OF MICHIGAN-ANN ARBOR, UNITED STATES
- 2002 BACHELOR OF SCIENCE IN MATHEMATICS AND STATISTICS, UNIVERSITY OF WISCONSIN-MADISON, UNITED STATES

## Publications

### Peer-Reviewed Journal Articles

"Effects of Public Health Interventions on the Epidemiological Spread During the First Wave of the COVID-19 Outbreak in Thailand", PLoS ONE, 16(2) Feb.2021

<https://doi.org/10.1371/journal.pone.0246274> (Triukose, S., Nitinawarat, S. Satian, P., Somboonsavatdee, A., Chotikarn, P., Thammasanya, T, Wanlapakorn, N., Sudhinaraset, N., Boonyamalik, P., Kakhong, B., Poovorawan, Y.).

"A Comparative Study on Estimation from Regression Model for Type-I Right-Censored Data from Lognormal Distribution", Journal of Applied Statistics and Information Technology (วารสารสถิติประยุกต์และเทคโนโลยีสารสนเทศ), 4(1) Jun.2019-Jun.2019, (Tippan, S., Somboonsavatdee, A.).

"DEVELOPMENT OF TRANSFORMATIONAL LEADERSHIP AND INNOVATION MODEL INFLUENCING BUSINESS PERFORMANCE OF FOOD EXPORTING COMPANIES IN THAILAND", Modern Management Journal, 14(2): 129-143, Jul.2016-Dec.2016, (Suwancharoen, W., Esihaikul, R., Boonyaperm, T., Somboonsavatdee, A.).

"Statistical Inference for Power-Law Process with Competing Risks", Technometrics, 57(1) Feb.2015, (Somboonsavatdee, A., Sen, A.).

"The Causal Model of Factors Affecting Business Continuity Management for Manufacturing Sector of Listed Companies in the Stock Exchange of Thailand", BU Academic Review, 14(2): 202-219, Jul.2015-Dec.2015, (Tongruang, T., Esihaikul, R., Parkatt, G., Somboonsavatdee, A.).

## Publications

"Fostering Innovation in Public Organizations in Thailand", International Journal of Organizational Analysis, 3(4): 528-544, 2015, (Suwannathat, P., Decharin, P., Somboonsavatdee, A.).

"Parametric inference for multiple repairable systems under dependent competing risks", Applied Stochastic Models in Business and Industry, 31: 706-720, 2015, (Somboonsavatdee, A., Sen, A.).

"Power of Test and Effects of Statistical Analysis under Normal Distribution Assumption on Data from Logistic Distribution", Thaksin University Journal, 13(3): 12-19, Oct.2010-Jan.2011, (Wichitchan, S., Somboonsavatdee, A.).

"Comments", Quality Engineering, 22(4): 273-277, Sep.2010, (Nair, V. and Somboonsavatdee, A.).

"Graphical Estimators from Probability Plots with Right Censored Data", Technometrics, 19: 420-429, Nov.2007, (Somboonsavatdee, A., Nair, V.N., Sen, A.).

### Peer-Reviewed Academic/Professional Meeting Proceedings

"A Comparative Study on Estimation from Regression Model for Data from Lognormal Distribution under Random Right-Censoring from Uniform Distribution" The 3rd UTCC Academic Day, 3, 1613-1627, University of Thai Chamber of Commerce (มหาวิทยาลัยหอการค้าไทย) May.2019-May.2019, (Sabkrongchai, T., Somboonsavatdee, A.).

"A Comparative Study on Estimation from Regression Model for Type-I Right-Censored Data from Lognormal Distribution" AS Conference 2018, 1, 180-195, NIDA GSAS (Graduate School of Applied Statistics) Oct.2018-Oct.2018, (Tippan, S., Somboonsavatdee, A.).

"Statistical Inference of a Parametric Recurrent Event Model Under Competing Risks" ISI2015: The 60th World Statistics Congress, International Statistical Institute, Rio De Janeiro, Brazil Jul.2015-Jul.2015, (Somboonsavatdee, A., Sen, A.).

"Statistical Modeling and Analysis of Competing Risk Data from Repairable Systems" IASC-ARS 2015: The 9th Conference of the Asian Regional Section of the IASC, IASC, Singapore Dec.2015-Dec.2015, (Somboonsavatdee, A.).

"Bootstrap Methods for Bias Correction for Quantile Estimation by Using the Graphical Estimators from Probability Plots with Right-Censored Data" The International Statistical Institute Regional Statistics Conference 2014 (ISI-RSC 2014), Kuala Lumpur, Malaysia Nov.2014, (Somboonsavatdee, A.).

"Parametric Inference for Multiple Repairable System under Dependent Competing Risks" ISI-RSC 2014: International Statistical Institute Regional Statistics Conferences, The International Statistical Institute (ISI), Kuala Lumpur, Malaysia Nov.2014-Nov.2014, (Somboonsavatdee, A.).

## Publications

"Analysis of Frailty-Based Competing Risk Data from Repairable Systems"the 59th ISI World Statistics Congress (ISI 2013), The International Statistical Institute (ISI), Hong Kong, China Aug.2013-Aug.2013, (Somboonsavatdee, A.).

"Analysis of Competing Risks with Recurrent Events Data"International Symposium on Business and Industrial Statistics 2012 (ISBIS 2012), International Society of Business and Industrial Statistics (ISBIS), Bangkok, Thailand Jun.2012-Jun.2012, (Somboonsavatdee, A.).

"Bootstrap-Based Bias Correction for Graphical Estimators from Probability Plots with Complete and Right-Censored Data"The 58th World Statistics Congress of the International Statistical Institute (ISI 2011), The International Statistical Institute (ISI), Dublin, Ireland Aug.2011-Aug.2011, (Somboonsavatdee, A.).

"Methodologies for Recurrent Data Under Competing Risks"The 57th Session of the International Statistical Institute (ISI 2009), Durban, South Africa Aug.2009-Aug.2009, (Somboonsavatdee, A., Sen, A.).

"Graphical Estimators of Location and Scale from Probability Plots with Censored Data"Joint Statistics Meetings (JSM 2006), Seattle, WA, USA Aug.2006-Aug.2006, (Somboonsavatdee, A., Nair, V., Sen, A.).

"Graphical Estimators of Location and Scale from Probability Plots with Censored Data"Joint Research Conference on Statistics in Quality Industry and Technology (JRC 2006), Knoxville, TN, USA Jun.2006-Jun.2006, (Somboonsavatdee, A.).

## Research Grants

"Cartography Mapping and Forecasting Thai Mortality Rates", Sep.2016-Sep.2017, (Sakulpanich, T., Surasiengsunk, S., Rattanawicha, P., Somboonsavatdee, A.).

"Parametric inference for multiple repairable systems under dependent competing risks", 2016, (Somboonsavatdee, A., Sen, A.).

"The Study of the Demand, the Readiness, and the Difficulty in Using Statistics Knowledge of Business Organization in Thailand", Dec.2012-Jul.2015, (Somboonsavatdee, A., Phaibulpanich, A., Pungpapong, V.).