CURRICULUM VITAE

Personal Information

Last name :	Moumeesri
First name :	Adisak
Nationality :	Thai
Email address :	moumeesri_a@silpakorn.edu
Affiliation :	Department of Statistics, Faculty of Science, Silpakorn University, Sanam Chandra Palace Campus, 6 Rajamankha Nai Rd, Phra Prathom Chedi Sub-district, Mueang Nakhon Pathom District, Nakhon Pathom 73000

Education

2018-2021

Doctoral Degree :	Ph.D. (Applied Mathematics with Specialization in the Mathematics of Insurance) Khon Kean University, Thailand
Thesis Title :	Computing Bonus-Malus Premium Based on Frequency and Severity Claims in Motor Insurance and Measuring Durability for Investing in Non-life Insurance
Advisor :	Assoc. Prof. Dr. Watcharin Klongdee
Co-advisor :	Asst. Prof. Dr. Tippatai Pongsart
Graduation Date :	October 21, 2021

2014-2017

Master's Degree :	M.Sc. (Applied Mathematics) Khon Kean University, Thailand
Thesis Title :	An Analysis of Insurance Premium Pricing Based on Transformed Functions
Advisor :	Asst. Prof. Dr. Tosaporn Talangtam
Graduation Date :	August 24, 2017

2010-2014

Bachelor's Degree :	B.Sc. (Mathematics) **(1st Class Honors)** Khon Kean University, Thailand
Project Title :	Counting Ordered Trees by Permuting Their Parts
Advisor :	Assoc. Prof. Dr. Keaitsuda Nakprasit
Graduation Date :	March 31, 2014

Scholarship

2011-2021 Granted a Development and Promotion of Science and Technology Talents (DPST) Scholarship – This is a scholarship from the Royal Government of Thailand providing educational funds and living expenses for students from high school until doctoral degree level.

Publications

[1] Weenakorn Ieosanurak, Banphatree Khomkham, Adisak Moumeesri, (2023). Claim Modeling and Insurance Premium Pricing under a Bonus–Malus System in Motor Insurance. *International Journal of Applied Mathematics and Computer Science*, 33(4), 637-650. [SCOPUS/ISI, Q2]

[2] Adisak Moumeesri, Weenakorn Ieosanurak, (2023). Properties and Applications of Klongdee Distribution in Actuarial Science. *Mathematics and Statistics*, 11(5), 856-867. [SCOPUS, Q3]

[3] Adisak Moumeesri, Tippatai Pongsart. (2022). Bonus-Malus Premiums Based on Claim Frequency and the Size of Claims. *Risks*, 10(9), 181. [SCOPUS/ISI, Q1]

[4] Somchit Boonthiem, Adisak Moumeesri, Watcharin Klongdee, Weenakorn Ieosanurak, (2022). A New Sushila Distribution: Properties and Applications. *European Journal of Pure and Applied Mathematics*, 15(3), 1280-1300. [SCOPUS/ISI, Q3]

[5] Tippatai Pongsart, Adisak Moumeesri, Tidadeaw Mayureesawan, Wikanda Phaphan, (2021). Computing Bayesian Bonus-Malus Premium Distinguishing Among Different Multiple Types of Claims. *Lobachevskii Journal of Mathematics*, 42(13), 3208–3217. [SCOPUS/ISI, Q2]

[6] Adisak Moumeesri, Watcharin Klongdee, Tippatai Pongsart, (2020). Bayesian Bonus-Malus Premium with Poisson-Lindley Distributed Claim Frequency and Lognormal-Gamma Distributed Claim Severity in Automobile Insurance. *WSEAS Transactions on Mathematics*, 19, 443-451. [SCOPUS, Q3]

[7] Adisak Moumeesri, Watcharin Klongdee, (2019). The Maximum Durability Problem for Investing in Gold Market. *WSEAS Transactions on Business and Economics*, 16, 68-77. [SCOPUS, Q3]

[8] Adisak Moumeesri, Tosaporn Talangtam. Transformed Function based on Wang Transform and Log-transform for Insurance Premium Pricing. *Proceeding of the International Conference on Applied Statistics 2016 (ICAS 2016)*; 2016 July 13-15; Phuket, Thailand, p. O-150 – O-157.

Preparing Academic Manuscripts

[1] Title: Estimating Ruin Probability in Non-Life Insurance through Claim Simulation Using Wang-PH Transform

[2] Title: Modelling of Claim and Pricing of Motor Insurance Based on Bonus-Malus System Considering the Frequency and Severity of Claims

[3] Title: A Gamma Cubic Transmuted Exponential Distribution: Properties and Application in Automobile Insurance

Conferences

1) International Conference on Applied Statistics 2016 (ICAS 2016), Phuket Graceland Resort and Spa, Phuket, Thailand, 13-15 July 2016.

2) The 2018 International Conference on Pure Mathematics, Applied Mathematics and Computational Methods, Majorca, Spain, July 14-17, 2018.

Teaching Experiences

515271-165	Probability for Data Science
515481-160	Selected Topics in Statistics I (Finance and Investment)
515103-162	Probability and Statistics
515251-165	General Principles of Risk Management and Insurance
522392-2561	Seminar

Research Interest

1) Theory of Distribution, Probability Theory
2) Risk and Insurance
3) Parameter Estimations
4) Credibility in Insurance

Language Skills

Thai: First Language

English: TOEFL ITP, Total Score 530
CEFR Level A2 for Listening Comprehension
CEFR Level C1 for Structure and Written Expression
CEFR Level B1 for Reading Comprehension
(The results on October 25, 2020)

Computer Skills

1) Computing and Graphing Programs: R, Matlab, SciLab, EasyFit, Minitab
2) Scientific Document Printing Program: LaTeX
3) Standard Microsoft Office Software