

Zhiqiang Liao

Department of Information and Service Management
Aalto University School of Business
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CONTACT	School of Business main building, Ekonominaukio 1, Espoo, 02150 Cell phone: (+358) 504673051 Email: zhiqiang.liao@aalto.fi Web: liao-zhiqiang.com	
EDUCATION	Aalto University	2021 - present
	<i>Doctoral Candidate in Management Science</i> School of Business Supervisors: Timo Kuosmanen; Pekka Malo	
EDUCATION	Sichuan University	2018 - 2021
	<i>M.S. in Industrial Engineering</i> School of Business Supervisor: Huchang Liao	
PUBLISHED WORK	Zhiqiang Liao , Sheng Dai, & Timo Kuosmanen (2024). Convex support vector regression. <i>European Journal of Operational Research</i> , 13(3), 858-870.	
	Zhiqiang Liao , Huchang Liao, & Xinli Zhang (2022). A contextual Choquet integral-based preference learning model considering both criteria interactions and the compromise effects of decision-makers. <i>Expert Systems with Applications</i> , 118977.	
	Zhiqiang Liao , Huchang Liao & Benjamin Lev (2021). Compromise solutions for stochastic multicriteria acceptability analysis with uncertain preferences and nonmonotonic criteria. <i>International Transactions in Operational Research</i> , 29(6), 3737–3757.	
	Zhiqiang Liao , Huchang Liao, Ming Tang, et al (2020). A Choquet integral-based hesitant fuzzy gained and lost dominance score method for multi-criteria group decision making considering the risk preferences of experts: Case study of higher business education evaluation. <i>Information Fusion</i> , 62, 121-133.	
	Zhiqiang Liao , Huchang Liao, Xunjie Gou, et al (2019). A hesitant fuzzy linguistic Choquet integral-based MULTI-MOORA method for multiple criteria decision making and its application in talent selection. <i>Economic Computation and Economic Cybernetics Studies and Research</i> , 53(2), 113-130.	
WORKING PAPERS	Zhiqiang Liao , Sheng Dai, Eunji Lim, & Timo Kuosmanen. Overfitting reduction in convex regression. <i>In preparation</i> .	
MENTORING	Thesis advisor	
	1. Kalle Laaksonen. Aalto master student in information and service management. (05.2022 - 08.2022)	
MENTORING	Thesis examiner	
	1. Hanna Rae. Aalto master student in information and service management. (11.2021)	

TEACHING	30E03500: <i>Data science for business II</i> Aalto University. TA. Fall 2023	
	30C00200: <i>Econometrics</i> Aalto University. TA. Spring 2022	
	ISM-E5001: <i>Master's Thesis Seminar</i> Aalto University. TA. 2022-2024	
GRANTS	Jenny and Antti Wihuri Foundation (€15,000)	Oct 2023
	HSE Support Foundation (€13,000)	May 2023
	Jenny and Antti Wihuri Foundation (€12,000)	Oct 2022
	Liikesivistysrahasto (€12,000)	Sept 2021
HONORS	HSE Recognition Award for Quality Publications	2023
	Honor Graduates of Sichuan University	2021
	Sichuan University First Class Scholarship	2018
INVITED TALKS	Informs Annual Meeting, Phoenix, 2023. Session chair of “The Intersection of Optimization and Learning”.	
	FORS50 Conference, Jyväskylä, Finland, 2023. Combine optimization and machine learning: a convex regression method.	
	EURO conference, Espoo, Finland, 2022. Convex support vector regression.	
	ICMSEM Conference, St. Catharines, Canada, 2019. A Choquet Integral-Based GLDS Method.	