Zhiqiang Liao

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CONTACT

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EDUCATION

AAlto University 2021 - present
Doctoral Candidate in Management Science
School of Business, Department of Information and Service Management
Supervisors: Pekka Malo; Timo Kuosmanen

Sichuan University 2018 - 2021
M.S. in Industrial Engineering
School of Business

PUBLISHED WORK

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. *Expert Systems with Applications*, 118977.

Zhiqiang Liao, Huchang Liao & Benjamin Lev (2021). Compromise solutions for stochastic multicriteria acceptability analysis with uncertain preferences and nonmonotonic criteria. *International Transactions in Operational Research*, 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. *Information Fusion*, 62, 121-133.

Zhiqiang Liao, Huchang Liao, Xunjie Gou, et al (2019). A hesitant fuzzy linguistic Choquetintegral-based MULTI-MOORA method for multiple criteria decision making and its application in talent selection. *Economic Computation and Economic Cybernetics Studies and Research*, 53(2), 113-130.

SUBMITTED

Zhiqiang Liao, Sheng Dai, & Timo Kuosmanen. Convex support vector regression. *Submitted to European Journal of Operational Research.*

WORKING PAPERS

Zhiqiang Liao, Sheng Dai, & Timo Kuosmanen. Weight restricted convex nonparametric least squares. *In preparation.*

MENTORING

Thesis advisor

1. Kalle Laaksonen. Aalto master student in information and service management. (05.2022 -)

Thesis grading

1. Hanna Rae. Aalto master student in information and service management. (11.2021)

TEACHING

Aalto University
30C00200: *Econometrics*. TA. Spring 2022

Aalto University
ISM-E5001: *Master's Thesis Seminar*. TA. In progress

GRANTS

Jenny and Antti Wihuri Foundation (€12,000) Oct 2022

Liikesivistysrahasto (€12,000) Sept 2021

HONORS

Sichuan University First Class Scholarship 2018

INVITED TALKS

EURO conference, Espoo, Finland, 2022. Convex support vector regression.

ICMSEM conference, St. Catharines, Canada, 2019. A Choquet Integral-Based GLDS Method for Green Supplier Selection with Hesitant Fuzzy Information.