

Kaffash, Sepideh (Assistant Professor)

Refereed Journal Articles

Journal Article, Academic Journal

- Kaffash, S. (2024). Navigating Efficiency: Insights from One-Stage and Two-Stage DEA Modelling in the Airline Industry. *Annals of Operations Research*.
- Khezrimotlagh, D., Kaffash, S., Zhu, J. (2022). U.S. Airline Mergers' Performance and Productivity Change. *Journal of Air Transport Management*.
- Kaffash, S., Khezrimotlagh, D. (2022). U.S. network and low-cost carriers' performance in response to COVID-19: Strictness of government policies and passengers' panic. *Research in Transportation Business & Management*.
- Kaffash, S., Nguyen, A. T., Zhu, J. (2021). Big Data Algorithms and Applications in Intelligent Transportation System: A Review and Bibliometric Analysis. *International Journal of Production Economics*.
- Kaffash, S., Azizi, R., Huang, Y., Zhu, J. (2020). A Survey of Data Envelopment Analysis Applications in the Insurance Industry 1993-2018. *European Journal of Operational Research*. www.journals.elsevier.com/european-journal-of-operational-research
- Kaffash, S., Aktas, E., Tajik, M. (2020). The impact of oil price changes on efficiency of banks: An application in the Middle East oil exporting countries using SORM-DEA. *RAIRO-Operational Research*. <https://www.rairo-ro.org/component/article?access=doi&doi=10.1051/ro/2019009>
- Kaffash, S., Kazemi Matin, R., Tajik, M. (2017). A Directional Semi-Oriented Radial DEA measure: An Application on Financial Stability and the Efficiency of Banks. *Annals of Operations Research*. <https://link.springer.com/article/10.1007/s10479-017-2719-5>
- Kaffash, S., Marra, M. (2016). Data envelopment analysis in financial services: a citations network analysis of banks, insurance companies and money market funds. *Annals of Operations Research*, 253(1), 307-344.
- Tajik, M., Aliakbari, S., Kaffash, S. (2015). House prices and credit risk: Evidence from the United States. *Economic Modelling*, 51, 123-135.

Book Chapters

Book, Chapter in Scholarly Book-New

- Kaffash, S. (2017). Data Envelopment Analysis Development in Banking Sector. *Handbook of Research on Emergent Applications of Optimization Algorithms* (pp. 462-484). IGI Global. www.igi-global.com/chapter/data-envelopment-analysis-development-in-banking-sector/190172

Conference Proceedings

Conference Proceeding

- Kaffash, S. (2016). *Information Literacy Skills of Students from a UK Business School*. www.21caf.org/uploads/1/3/5/2/13527682/35_kaffash.pdf

Presentations

- Kaffash, Sepideh (Author Only), POMS 2024, "Financial Performance and Environmental Sustainability Performance: An Empirical Study in the U.S. Airline Industry," Minneapolis. (April 27, 2024).
- Kaffash, Sepideh, DSI Annual Meetings, 2023, "Financial Performance and Environmental Sustainability Performance: An Empirical Study in the U.S. Airline Industry," Decision Science Institute, Atlanta. (November 19, 2023).
- Kaffash, Sepideh, Discussion on Sustainability and ESG, "Discussion on Sustainability and ESG," WPI Business School, Worcester Polytechnic Institute. (October 30, 2023).
- Kaffash, Sepideh, International DEA45, 2023, "Multivariate returns to scale: An Application to U.S. Airlines," International Conference on Data Envelopment Analysis, London. (September 4, 2023).
- Kaffash, Sepideh, PhD. Lunchtime Seminar, "Big data algorithms and applications in intelligent transportation system: A review and bibliometric analysis," Cranfield University, UK, UK. (July 6, 2023).
- Kaffash, Sepideh, INFORMS Annual Meeting 2022, "The Performance and Productivity Change of US Airline Mergers." (October 2022).
- Kaffash, Sepideh, INFORMS Annual Meeting 2021, "U.S. network and low-cost carriers' performance in response to Covid: strictness of government policies and passenger's panic." (October 2021).
- Kaffash, Sepideh, INFORMS Annual Meetings 2020, "The performance of U.S. Airlines pre- and post-merger," Virtual. (November 2020).
- Kaffash, Sepideh, INFORMS Annual Meeting 2019, "Service Quality And Efficiency In The Us. Airline Industry." (October 22, 2019).
- Kaffash, Sepideh, Haung, Ken, Advances in Decision Analysis, "Massachusetts Higher Education Institutes Efficiency and Students Funding." (June 2019).
- Kaffash, Sepideh, 2018 INFORMS Business Analytics Conference., "Estimating Home Delivery Orders in Grocery Sector." (April 2018).
- Kaffash, Sepideh, Invited Talk, "Data Envelopment Analysis in Financial Service," Worcester Polytechnic Institute. (2016).
- Kaffash, Sepideh, 11th international Conference on Data Envelopment Analysis, "Effect of Oil Price Shocks on Banks' Performance." (2012).
- Kaffash, Sepideh, Brunel Business School. Doctoral Symposium, "Bank Performance and Oil price changes in Middle East." (2012).
- Kaffash, Sepideh, Brunel Business School. Doctoral Symposium, "Performance, Capital Structure and Foreign Ownership Structure: A study of UK Multinationals in BRICs." (2011).