

Murat Mustafa Tunc

Contact Information

The University of Texas at Dallas
Jindal School of Management
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Education

The University of Texas at Dallas - Jindal School of Management

Ph.D. in Information Systems

2015-2020 (Expected)

Sabanci University, Istanbul, Turkey

M.Sc. in Industrial Engineering

2013-2015

• Thesis: Diffusion of Innovation and Collective Action in Complex Networks

B.S. in Manufacturing Systems and Industrial Engineering

2008-2013

Research Interests

Topics: Impact of Online Reviews on the Competition between Service Providers

Methods: Game Theory, Econometrics, Field Experiments

Applications: Sharing Economy, Online Marketplaces, Platform Strategy

Published Papers

1. Ertek, G., Tokdemir, G., Sevinc, M., Tunc, M. M. 2017. New knowledge in strategic management through visually mining semantic networks. *Information Systems Frontiers*.
2. Tunc, M. M., Valcov, A., Zhang, A.N., Yan, W., Wen, R. 2017. Association Analysis of Supply Chain Risk and Company Sales. *IEEE International Conference on Big Data*. pp. 3268-3277, Philadelphia, PA.
3. Ertek, G. Tunc, M. M. Zhang, A. N., Tanrikulu, O. Sobhan, A. 2017. Data Mining of Project Management Data: An Analysis of Applied Research Studies. *Proceedings of the ACM 2017 International Conference on Information Technology*, pp. 35-41, Singapore.
4. Ertek, G., Tunc, M. M. 2012. Re-Mining association mining results through visualization, data envelopment analysis and decision trees. *Computational Intelligence Applications in Industrial Engineering*, Ed: C. Kahraman, pp. 605-626, Springer.
5. Ertek, G., Erdogan, A., Patoglu, V., Tunc, M. M., Citak, C., Vanli, T. 2012. Encapsulation and representing the knowledge on the evolution of an engineering system. *Proceedings of the ASME 2012 International Design Engineering Technical Conferences and Computers and Information in Engineering Conference, IDETC/CIE*, Aug 12-15, Chicago, Illinois, USA.
6. Ertek, G., Tunc, M. M., Kurtaraner, E., Kebude, D. 2012. Insights into the efficiencies of on-shore wind turbines: A data-centric analysis. *International Symposium on IEEE Innovations in Intelligent Systems and Applications (INISTA)*, pp. 1-7, July 2-4, Trabzon, Turkey.

Working Papers

1. Tunc, M. M., Cavusoglu, H., Raghunathan, S. Online Product Reviews: Is More Granular Superior to a Coarser One? MISQ, Major Revision.
Presented in ICIS 2017, Seoul, Korea; Platform Strategy Symposium, 2017, Boston, MA.
2. Tunc, M. M., Cavusoglu, H., Raghunathan, S. Double-Sided Adverse Selection and Bilateral Reviews in Sharing Economy. Working Paper.
Presented in CIST 2018, Phoenix, AZ; WISE 2018, San Francisco, CA.
3. Tunc, M. M., Cavusoglu, H., Cavusoglu, H., Raghunathan, S. Assessing the Impact of Personalized Messages in Product Recommendations: Evidence from a Randomized Field Experiment. Work-in-Progress.
4. Tunc, M. M. What's in Your Wallet? Impact of Earning Visibility on the Future Payoffs and Generosity. Work-in-Progress.
5. Tunc, M. M. Burn-out Effect in Multi-sided Platforms: Evidence from Music Industry. Work-in-Progress.
6. Tunc, M. M., Atilgan, A. R. Diffusion and Collective Action in Complex Networks. Working Paper.

Computer Skills	R, Stata, SAS, Python, MySQL, C++, Java, MATLAB, Mathematica, ILOG OPL, Arena, NetLogo, Minitab, L ^A T _E X	
Work Experience	Singapore Institute of Manufacturing Technology , Singapore <i>Research Scientist</i> , Planning and Operations Management	July-September 2012
	Eindhoven University of Technology , Eindhoven, Netherlands <i>Research Intern</i> , Department of Industrial Eng. and Innovation Sciences	July-September 2011
Awards & Grants	<ul style="list-style-type: none"> • The University of Texas at Dallas, Jindal School of Management PhD Scholarship, (Full tuition fee waiver + Stipend for 5 years), 2015 • Sabancı University Faculty of Engineering and Natural Sciences Best Teaching Assistant Award, 2014 • Ranked 43rd among ~ 300,000 candidates in the Turkish Graduate Record Exam (ALES), 2013 • TÜBİTAK (Scientific and Technological Research Council of Turkey) Graduate Fellowship (Stipend for 2 years), 2013 • Sabancı University Graduate Scholarship (Full tuition fee waiver + Stipend for 2 years), 2013 • Winner of Nielsen Business Case Competitions, 2013 • Singapore International Pre-Graduate Award, by Singapore Agency for Science, Technology and Research (Stipend for 3 months + Airfare allowance), 2012 • Erasmus Internship Mobility Grant (Stipend for 3 months), 2011 • Sabancı University Honor Scholarship (Full tuition fee waiver + Stipend for 5 years), 2008 • Ranked in top 0.1 percentile among ~1.5 million candidates in the Turkish University Entrance Exam (ÖSS), 2008 	
Personal	Language: Fluent in English and Turkish	
	Interests: Indie Rock, Basketball, Photography, Cooking, Travel	