

NAGİHAN ÇÖMEZ DOLGAN

Faculty of Business, Ozyegin University

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WORK EXPERIENCE

Professor, Ozyegin University	July 2024 to Present
Associate Professor, Ozyegin University	Feb. 2020 to July 2024
Associate Professor, Istanbul Sehir University	Jan. 2015 to Feb. 2020
Assistant Professor, Bilkent University, Ankara	Sept. 2007-Jan. 2015
Teaching Assistant, The Univ. of Texas at Dallas	Aug. 2002-Aug. 2007
Production planning department, Cak Textile, Istanbul	Feb. – Aug. 2002

EDUCATION

The University of Texas at Dallas , Richardson, TX <i>PhD in Operations Management</i> <i>Dissertation: Inventory Sharing and Planning Coordination in Centralized and Decentralized Systems</i>	Aug. 2007
The University of Texas at Dallas , Richardson, TX <i>MS-MAS in Supply Chain Management</i>	Aug. 2005
Bogazici University , Turkey <i>BS in Industrial Engineering</i>	June 2001

RESEARCH INTERESTS

- Inventory management
 - Inventory sharing through transshipments
 - Coordinated pricing and inventory management
 - Untimely deliveries
 - Empirical investigation of inventory theories (M&A, gender, and distress effects)
- Retail operations management
 - Co-storing
 - Assortment planning

PUBLICATIONS

- Çömez-Dolgan., Tanyeri, B., Mai, F., Zhao, X., Devaraj, S. 2025. "Lean Operations and Resiliency - Contrasting Effects of COVID-19 and Economic Recession", ***Omega***, *Forthcoming*.
- Çakanyıldırım, M., Çömez-Dolgan, N., Stecké, K. "Endogenous Prices Eliminate Proactive Transshipments and Coordinate Reactive Transshipments", ***Operations Research Letters***, 57, 107160.
- Çömez-Dolgan, N., Dag, H., Fescioglu-Unver, N., Sen, A. 2023. "Multi-Plant Manufacturing Assortment Planning in the Presence of Transshipments", ***European Journal of Operational Research***, 310(3), 1033-1050.
- Çömez-Dolgan, N., Haidar-Moussawi, L., Jaber M. Y., Cephe, E. 2022. "Constrained Assortment Optimization of a Multi-Location System Using Transshipments", ***International Journal of Production Economics***, 251, 108550.
- Çömez-Dolgan, N., Fescioglu-Unver, N., Cephe, E., Sen, A. 2021. "Capacitated Strategic Assortment Planning Under Explicit Demand Substitution", ***European Journal of Operational Research***, 294(3), 1120-1138.
- Çömez-Dolgan, N., Haidar-Moussawi, L., Jaber, M.Y. 2021. "A Buyer-Vendor System with Untimely Delivery Costs: Traditional Coordination vs. VMI with Consignment Stock", ***Computers and Industrial Engineering***, 154.
- Çömez-Dolgan, N., Haidar-Moussawi, L., Esmer, B., Jaber, M.Y. 2020. "Temporary Price Increase During Replenishment Leadtime", ***Applied Mathematical Modelling***, 78, 217-231.
- Haidar-Moussawi, L., Çömez Dolgan, N. 2017. "Rent Contracts Between Co-Stores", ***European Journal of Operational Research***, 258, 912-925.
- Çömez Dolgan, N., B. Tanyeri. 2015. "Inventory Performance with Pooling: Evidence from Mergers and Acquisitions", ***International Journal of Production Economics***, 168, 331-339.
- Çömez Dolgan, N., N. Nilgun-Fescioglu. 2015. "Managing Transshipments in a Multi-Retailer System with Approximate Policies", ***Journal of the Operational Research Society***, 66, 947-964.
- Çömez Dolgan, N. 2013. "Alternative Transshipment Policies for Centralized Multi-retailer Systems" (In Turkish), ***Iktisat Isletme ve Finans***, 28(329), 49-74.
- Çömez, N., M. Çakanyıldırım, K.E. Stecké. 2013. "Optimal Transshipments and Reassignments Under Periodic or Cyclic Holding Cost Accounting", ***Journal of the Operational Research Society***, 64, 1517-1539.
- Çömez, N., K.E. Stecké, M. Çakanyıldırım. 2012. "In-Season Transshipments among Competitive Retailers", ***Manufacturing & Service Operations Management***, 14 (2),290-300.
- Çömez, N., K.E. Stecké, M. Çakanyıldırım. 2012. "Multiple In-Cycle Transshipments with Positive Delivery Times", ***Production & Operations Management***, 21 (2), 378-395.

- Çömez, N., T. Kiessling. 2012. "Joint Inventory and Constant Price Decisions for a Continuous Review System", *International Journal of Physical Distribution & Logistics Management*, 42 (2), 174-202.
- Çömez, N., K.E. Stecke, M. Çakanyıldırım. 2010. Meeting Correlated Spare Part Demands with Optimal Transshipments. *Intern. Journal of Strategic Decision Sciences* 1(2) 1-27.

WORKING/ SUBMITTED STUDIES

- "Gender Differences in Inventory Management Under Business Obstacles", Comez-Dolgan, N., Abutouk, M., Ozer, M., Haidar-Moussawi, L., Zhao, X. **Under review at *Journal of Business Logistics*.**
- "Towards Identifying Best Employers using Machine Learning", Jalaeddine, L. Daou, H., Moussawi-Haidar, L., Comez Dolgan, N. **Under revision to be submitted again.**
- "Journey from Board Gender Diversity to Sustainability Through Lean Operations", Ozer, M., Comez-Dolgan, N., Moussawi-Haidar, L., Ergun-Sahin, B. **Under revision to be submitted again.**

RESEARCH GRANTS

- Tübitak Career Grant, 3501, "Transshipments (Inventory Sharing) Policies Between Retailers", April 2011-November 2013.

AWARDS

- Bilkent University-Faculty of Business Administration- Prof. Dr. Orhan Karacadağ Awards for Junior Faculty-2013.

CONFERENCE PRESENTATIONS

- "Interacting Roles of Board Gender Diversity and Lean Operations on Sustainability", 22nd International Symposium on Inventories (ISIR), Budapest, August 2024.
- "Lean Operations and Financial Distress - Direct and Moderating Effects of COVID-19 and Economic Recession", POM-International Conference, Istanbul, June 2024.
- "Gender Differences in Inventory Management Under Business Obstacles", 30th EurOMA Conference, Leuven, Belgium, July 2023.
- "Optimal Assortment Planning for Retailers Using Transshipments under Capacity Constraint", YAEM 2015 Conference, Middle East Technical University, Ankara, September 2015 and INFORMS Revenue Management and Pricing Conference, Amsterdam, Netherlands, July 2017.
- "Rent Contracts Between Co-Stores", POMS Annual Conference, Atlanta, USA, May 2014.

- “Optimal Assortment Planning for Retailers Using Transshipments”, The International IIE Conference in Istanbul, June 2013 & 26th European Conference on Operational Research in Rome, Italy, July 2013.
- “Negotiated Transshipment Prices”, International Symposium on Inventories (ISIR), Budapest, August 2012.
- “Do Merged Firms Benefit from Inventory Pooling?”, MSOM Annual Conference, Haifa, Israel, June 2010 & INFORMS Annual Meeting, Charlotte, November 2011.
- “Price Alteration of Inventories as an Emergency Action”, POMS Annual Conference, Orlando, May 2009.
- “Optimal Transshipments and Orders: A Tale of Two Retailers”, New Ideas in Order Fulfilment Research Symposium at Nottingham University, UK, September 2008.
- “Supply Chain Scheduling of Customer Orders with Two Types of Perishable Products”, INFORMS Annual Meeting, Seattle, November 2007.
- “Using Information Technology to Facilitate Pooling of Retail Inventories”, PICMET Conference, Portland, August 2007.
- “Transshipment Between Two Competing Retailers”, INFORMS Annual Meeting, Pittsburgh, November 2006 AND POMS Annual Meeting, Dallas, May 2007.
- “Virtual Pooling with Multiple In-Cycle Transshipments”, INFORMS Annual Meeting, San Francisco, November 2005 AND POMS Annual Conference, Boston, April 2006.

GRADUATE STUDENTS SUPERVISED

- Advisor for Marah Abu Touk, M.A. in Management at Marmara University. Graduated in May 2021.
- Advisor for Nuha Hashem, M.S. in Industrial and Systems Engineering at Sehir University. Graduated in May 2019.
- Co-advisor for Hilal Dag, M.S. in Industrial Engineering at Bilkent University. Graduated in August 2015.

TEACHING EXPERIENCE

At Ozyegin University

- Operations Management – for undergraduates and graduates.
- Data Analysis and Decision Modeling – for undergraduates.
- Business Decision Modeling- for undergraduates.

At Istanbul Sehir University

- Managerial Decision Making – for undergraduates and graduates.

- Supply Chain Management – for undergraduates.
- Statistical Analysis- for undergraduates.
- Business Consulting Models- for undergraduates.
- Operations Management- for undergraduates and graduates.

At Bilkent University

- Supply Chain Management for undergraduates and graduates.
- Production Management for undergraduates.
- Operations Management for undergraduates.
- Management Science for undergraduates.
- Market Research for undergraduates.

At The University of Texas at Dallas, US

- Production Management for undergraduates.
- Operations Management for graduates.

UNIVERSITY SERVICE ACTIVITIES

- At Ozyegin University
 - Department Chair- Business Administration (2021-)
- At Istanbul Sehir University
 - Department Chair- International Trade and Management (2016-2020)
 - Erasmus Exchange Program Departmental Coordinator (2015-2017)
 - Faculty Board Member at Faculty of Business Administration (2016-)
- At Bilkent University
 - Liaison for organizing weekly research seminars at Faculty of Business Administration (2007- 2015)
 - AACSB Accreditation Steering Committee Member (2013-2015)
 - Faculty Board Member at Faculty of Business Administration (2013-2015)

PROFESSIONAL ACTIVITIES

- Associate Editor at *RAIRO-Operations Research* Journal.
- Editorial Board Member, International Journal of Operations Research and Information Systems (IJORIS), November 2008 – 2015.
- ISIR (International Society for Inventory Research) 2024-Special Stream Organizer on "People-Centric Inventory Management"