



ONLINE SUNUMLAR / ONLINE PRESENTATION

15 Mayıs 2025 Perşembe / May 15, 2025 Thursday

1. OTURUM – SESSION 1

SALON 1 / HALL 1

Oturum Başkanı / Moderator:

HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
10:00-10:10	Elif Dabakoğlu, Öyküm Esra Yiğit	1057	A Stacking-Based Ensemble Approach for the Diagnosis of Pediatric Lower Respiratory Tract Infections
10:10-10:20	Özge Pasin, Senem Gönenç, Selman Aktaş, Kürşad Nuri Baydili	1082	Forecasting Cardiovascular Mortality Rates in Türkiye (2025–2030): A Prophet Model Approach
10:20-10:30	Tanuja Danisiri, Siva G	1027	Optimizing Classification Accuracy in Medical and Industrial Applications Using Lomax ROC Analysis
10:30-10:40	Erdogan Asar, Yunus Emre Bulut	1149	How Do Medical School Interns Plan Their Future?
10:40-10:50	Muslu Kazım Körez, Dilek Ergün, Recai Ergün	1208	Predicting of Severity of COVID-19 using Machine Learning Algorithms
10:50-	Tartışma/ Discussion		

SALON 2 / HALL 2

Oturum Başkanı / Moderator:

HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
10:00-10:10	Murat Arısal	1034	Accident Data of Istanbul Trolleys (1961-1967)
10:10-10:20	Osman Cem Bektaş, Kamile Şanlı Kula	1059	An Examination of Emotional and Psychological Well-Being, Life Satisfaction, and Smartphone Addiction in Selective High Schools
10:20-10:30	Gizem Açıkgöz, Malhun Sidorela Balla, Rana Şen Doğan	1073	Stock Market and Cryptocurrency Addiction Among University Students: The Effect of Psychological and Demographic Factors
10:30-10:40	İlayda Koçyiğit	1061	Efficiency Analysis of Defense Industry Companies Using Data Envelopment Analysis
10:40-10:50	Kadir Sarıkaya	1091	Fuzzy Weighted k-out-of-n:G Systems: A Cost-Reliability Optimization Framework
10:50-	Tartışma/ Discussion		

SALON 3 / HALL 3

Oturum Başkanı / Moderator:

HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
10:00-10:10	İlker Arslan, Ümit Işlak, Elif Yılmaz	1110	A Hybrid KNN Model for Time Series Forecasting: An Experimental Study on Traffic Flow Prediction
10:10-10:20	Ümit Işlak, Elif Yılmaz, İlker Arslan, Tuna Çakar	1111	Forecast Refinements via Similar Trajectories and the Traffic Flow Forecasting Problem
10:20-10:30	Marius Fandly, Zoltan Zakota	1234	Improving the Efficiency of Tax Collection Mechanisms by Using Artificial Intelligence-based Tools
10:30-10:40	Şahin Nicaţ, Buse Sena Vardar	1258	Machine Learning-Based Management of Loan Delinquency Stage
10:40-10:50	Mahir Hasanov	1032	Optimal Point Forecasting Under General Loss Functions
10:50-	Tartışma/ Discussion		

SALON 4 / HALL 4

Oturum Başkanı / Moderator:

HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
10:00-10:10	Hossein Zeinalzadeh-Tabrizi	1015	Comprehensive Advances in Stability Analysis for Crop Breeding: Univariate, Multivariate, and Multi-Trait Innovations

10:10-10:20	Jalib Ali Baig, Aqsa Zafar, Aleesha Malik, Farooq Ali Awan, Muzzamil Hussain, Danish Hassan	966	Role of Alternative energy in the management of Energy crisis in Pakistan: A Statistical Analysis
10:20-10:30	Ziya Çakır	1017	Investigation of the Structure and Function of Acid-Sensing Ion Channels
10:30-10:40	Christos P. Kitsos, Ioannis S. Stamatiou	1018	Applying the γ -order Generalized Normal to: Cauchy distribution and the Hermite polynomials
10:40-10:50	Gulnara Duruskari, <u>Gulbadam Akbarova</u> , Khalil Nagiyev	1019	Psychological Approaches in Chemistry Education
10:50-	Tartışma/ Discussion		

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2. OTURUM – SESSION 2

SALON 1 / HALL 1			
Oturum Başkanı / Moderator:			
HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
11:00-11:10	<u>Göksu Şirin</u>	1126	Branches: Important Parts of Trees and Potential Uses
11:10-11:20	Ömer Faruk Karakoyun, Fulden Cantaş Türkiş, Yalçın Gölcük, Mehmet Reha Yılmaz, Burcu Kaymak Gölcük	1130	Development of a Machine Learning-Based Risk Score for Predicting Adverse Outcomes in Rhabdomyolysis
11:20-11:30	Mehmet Kıvrak	1133	Explainable Prediction of Cardiovascular Diseases with Machine Learning and SHAP Approach
11:30-11:40	<u>Tuğçe Yıldırım Dal</u> , Dursun Yılmaz	1050	Sustainable Beauty Concept: A Conceptual Review Through Environmental, Social, and Economic Dimensions
11:40-11:50	<u>Tuğçe Yıldırım Dal</u> , Dursun Yılmaz	1054	Evaluating the Economic Landscape of Turkey’s Cosmetics Industry (2020–2022)
11:50-	Tartışma/ Discussion		
SALON 2 / HALL 2			

11:30-11:40	<u>Feridun Tasdan</u> , Rukiye Dagalp	1039	Enhanced Rank-Based Correlation Estimation Using Smoothed Wilcoxon Rank Scores
11:40-11:50	Mehrovar Khojaev Pardalievich	1065	Science and Patronage: The Collaboration of Ghiyath Al-Din Jamshid Al-Kashi and Ulugh Beg
11:50-	Tartışma/ Discussion		
SALON 4 / HALL 4			
Oturum Başkanı / Moderator:			
HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
11:00-11:10	<u>Furkan Semih Çelik</u> , Ziya Çakır	1047	Investigation of Potential Effects of Olive Seed Oil on Alzheimer's Disease
11:10-11:20	Denis Veliu	1041	Do Cryptocurrencies Enhance Portfolio Efficiency? Evidence from Risk-Optimized Mixed-Asset Allocations
11:20-11:30	Denis Veliu	1071	Modeling Corporate Credit Rating Transitions Using Hidden Markov Models: An Empirical Analysis Based on S&P Global Data using MATLAB
11:30-11:40	<u>Burcu Tezcan</u> , Tamer Eren	1066	Analysis of Forest Fire Risk of Ankara with Spherical Fuzzy AHP and Spherical Fuzzy TOPSIS Methods
11:40-11:50	<u>Burcu Tezcan</u> , Tamer Eren	1067	Optimization of Forest Fire Response Resources with a Goal Programming Approach: Mersin Nazilli Application
11:50-	Tartışma/ Discussion		

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3. OTURUM – SESSION 3			
SALON 1 / HALL 1			
Oturum Başkanı / Moderator:			
HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
13:30-13:40	Sema Akin Bas	1087	Airline Evaluation in Europe Based on Spherical Fuzzy TOPSIS Approach
13:40-13:50	Sema Akin Bas	1088	An Application of Spherical Fuzzy TOPSIS for Measuring Healthcare Service Performance
13:50-14:00	Funda Karaman	1154	Parametric Mortality Modelling: A Comparative Analysis Based on Mortality Data in Türkiye, 2009–2023
14:00-14:10	Funda Karaman	1156	Measuring Productivity Change in the Turkish Non-Life Insurance Sector: A Malmquist Index Approach (2010–2023)
14:10-14:20	<u>Beyhan Doğan</u> , Dursun Yılmaz	1077	Transition to Green Cosmetics: An Analysis on Plastic Waste, Certification, and Ethical Consumption
14:20-	Tartışma/ Discussion		
SALON 2 / HALL 2			
Oturum Başkanı / Moderator:			
HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
13:30-13:40	<u>Ömer Faruk Kızıl</u> , Özge Kuran	1093	From Regression to Robustness: Biased Prediction Approaches in Linear Mixed Models for Greenhouse Gas Emission Analysis
13:40-13:50	<u>Ardit Dervishi</u> , Algenti Lala, Olimpjon Shurdi	1107	Adaptive Smart Antenna MIMO Techniques for Subchannel Optimization in Next-Generation Wireless Networks (Study Case)
13:50-14:00	Mulla Veli Ablay	1112	An Analysis of Schooling Performance Using Multi-Criteria Decision-Making Methods: The Case of G7 Countries
14:00-14:10	Mulla Veli Ablay	1113	Analysis of Key Health Indicators in Low-Income Countries Using Multi-Criteria Decision-Making Methods
14:10-14:20	Mohamed Ahmed Ahmed	1122	Improving Airport Efficiency Through IoT: A Study on Smart Airport Systems
14:20-	Tartışma/ Discussion		
SALON 3 / HALL 3			

Oturum Başkanı / Moderator:			
HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
13:30-13:40	<u>Hasan Hüseyin Gül</u> , Nurgül Okur	1114	The Suja q-Distribution
13:40-13:50	Hasan Hüseyin Gül	1115	Parameter Estimation for the Unit Generalized Rayleigh Distribution: Theory and Simulation Study
13:50-14:00	<u>Samet Kaya</u> , Esin Köksal Babacan	1137	Predictive Models and Decision Support Systems in Recruitment Processes
14:00-14:10	<u>Samet Kaya</u> , Esin Köksal Babacan	1138	Mapping the Research Landscape: Artificial Intelligence Applications in Recruitment – A Bibliometric Analysis
14:10-14:20	<u>Elifsu Ütük</u> , Deniz Özönur	1123	Comparison of Count Regression Models and Machine Learning Techniques for Predicting Cigarette Consumption
14:20-	Tartışma/ Discussion		

SALON 4 / HALL 4

Oturum Başkanı / Moderator:			
HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
13:30-13:40	<u>Berna Özbaşaran</u> , Gözde Ulutagay	1185	Assessment of FCM, PCM, and UFPC Algorithms Through Internal and Fuzzy Cluster Validity Indices on Multidisciplinary Benchmark Datasets
13:40-13:50	<u>Tenzile Erbayram</u> , Yunus AKDOĞAN	1207	Parameter Estimation for the XLindley Distribution Based on Different Set Sampling Methods
13:50-14:00	<u>Şura Edanur Sağlam</u> , Mustafa Altınkaynak, Gülşah Yenidünya Yalın, Ayşe Kubat Üzümlü, İlhan Satman, Deniz Kanca Demirci	1224	Investigation of the miR-124a Gene Expression in Latent Autoimmune Diabetes of Adults (LADA)
14:00-14:10	Vahit Cem Tüzemen, <u>Ferda Nur Özdemir</u>	1256	Examining the Relationship Between Hazelnut Prices and Exchange Rates in Türkiye: A Granger Causality Test (2016M01–2025M03)
14:10-14:20	<u>Musab Talha Akpınar</u> , Muhammed Fatih Özer	1245	Examining the Impact of Twitter Sentiment on Bitcoin Price Movements
14:20-	Tartışma/ Discussion		

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4. OTURUM – SESSION 4

SALON 1 / HALL 1

Oturum Başkanı / Moderator:			
HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
15:00-15:10	<u>Ayşenur Gümüş</u> , Adnan Aldemir	965	Statistical Evaluation of Relationships Between Water Quality Parameters of
15:10-15:20	<u>Yeşim Akbaş</u> , Türkan Erbay Dalkılıç, Serkan Akbaş	1042	Parameter Estimation Based on Validity-Aware Gustafson Kessel Clustering
15:20-15:30	Eda Gizem Koçyiğit	1058	Modified Ranked Set Sampling: Simulations and Real Data Evaluation
15:30-15:40	Buğra Kaan Tiryaki	1095	Effective Feature Selection in High-Dimensional Datasets: A Binary Artificial Locust Swarm Optimization Approach
15:40-15:50	Buğra Kaan Tiryaki	1096	A Balanced Fuzzy Random Sampling Approach for Fair Workload Assignment in Shift Scheduling
15:50-	Tartışma/ Discussion		

SALON 2 / HALL 2

Oturum Başkanı / Moderator:			
HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
15:00-15:10	<u>Samed Gür</u> , Hayriye Sibel Gülse Bal	1161	Causality Relationship between Chicken Meat and Red Meat Prices in Turkey: Time Series Analysis

15:10-15:20	<u>Melike Tekin</u> , Gülistan Erdal	1232	The Impact of Climate Variables on Wheat Yield in Turkey
15:20-15:30	<u>Berra Kocakoç</u> , Gülistan ERDAL	1239	An Turkey's Biodiesel Potential and the Economics of Related Agricultural Products
15:30-15:40	<u>Vahit Cem Tüzemen</u> , Lütfi Bayyurt	1264	Determining The Causal Relationship Between Egg Prices and Egg Feed Prices in Turkey by Toda-Yamamoto Test
15:40-15:50	<u>Ahmet Sinan Güler</u> , Yalçın Tahtalı	1147	Comparison of Different Machine Learning Algorithms for Weight Prediction
15:50-16:00	<u>Samet Hasan Abacı</u> , Ertugrul Kul, Ayla Sevim Satılmış, Ali Ayhan Barut	1231	Examination of Factors Affecting First Calving Age in Some Dairy Cattle Breeds Using Regression Tree Analysis

16:00-

Tartışma/ Discussion

SALON 3 / HALL 3

Oturum Başkanı / Moderator:

HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
15:00-15:10	Diana Bratić	1175	Latent Similarity Clustering of Video Games Based on Euclidean Distance and PCA
15:10-15:20	Diana Bratić	1194	Multivariate Anomaly Mapping in Video Games: A Mahalanobis Distance Approach
15:20-15:30	Rahim Mammadzada	1233	Simulink-Based Study of Fan-Driven Cooling: Understanding Airflow for Thermal Applications
15:30-15:40	<u>Veranda Syl</u> a, Argenti Lala, Ardit Dervishi	1196	The Role of Smart City Theories in Enhancing Traffic Flow: The Case of Tirana
15:40-15:50	Rahim Mammadzada	1235	Simulink-Based Study of Pump-Driven Cooling: Understanding Water Circulation for Thermal Applications

15:50-

Tartışma/ Discussion

SALON 4 / HALL 4

Oturum Başkanı / Moderator:

HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
15:00-15:10	Özlem Bezek Güre	1203	Comparison of the Performance of Naive Bayes and Decision Tree Methods in the Classification of Alzheimer's Disease
15:10-15:20	<u>Ömer Altındağ</u> , Halil Aydoğdu	1211	An Application of Geometric Process for Multi-System Repair Process Modeling
15:20-15:30	Asuman Yılmaz	1244	Bayesian Estimation under Different Loss Functions of $P(X>Y)$ for the Topp-Leone Distribution
15:30-15:40	<u>Sara Guliyeva</u> , Meryem Merve Ören Çelik, Mustafa Altınkaynak, Gülşah Yenidünya Yalın, Ayşe Kubat Üzüm, İlhan Satman, Deniz Kanca Demirci	1243	Investigation of Fat Mass and Obesity-Associated (FTO) Gene rs9939609 Polymorphism in Individuals with Type 2 Diabetes
15:40-15:50	<u>Birgül Özkan</u> , Doğanur Acınan, Başak Bulut Karageyik	1240	Designing a Composite Internal Migration Index for Actuarial Modeling

15:50-

Tartışma/ Discussion

ONLINE SUNUMLAR / ONLINE PRESENTATION

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5. OTURUM – SESSION 5

SALON 1 / HALL 1

Oturum Başkanı / Moderator:

HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
16:00-16:10	<u>Fatih Sağlam</u> , Filiz Koçoğlu Sağlam, Yeliz Kındap Tepe	1214	Local and Global Interpretations in Psychological Modeling

16:10-16:20	<u>İrem</u> <u>su Menekşe</u> , Başak Bulut Karageyik	1238	Enhancement of the Lee-Carter Model with Machine Learning
16:20-16:30	<u>Ömer Özbilen</u> , Murat Genç	1236	Effective Classification of Phishing Data Using Regularized Extreme Learning Machines
16:30-16:40	<u>Fatih Sağlam</u> , Filiz Koçoğlu Sağlam, Yeliz Kındap Tepe	1214	Local and Global Interpretations in Psychological Modeling
16:40-16:50	Merve Yıldız	1230	Factors Influencing Students' Acceptance and Use of Generative Artificial Intelligence in Higher Education

16:50-	Tartışma/ Discussion
SALON 2 / HALL 2	

Oturum Başkanı / Moderator:			
HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
16:00-16:10	<u>Ahmet Selim Yavuz</u> , Hande Uslu Tuna	1215	Investigation of Pollutant Movement Modeled with Advection-Diffusion-Dispersion Equations Using Numerical and Artificial Intelligence Methods
16:10-16:20	<u>Muhammed Çağrı Aksu</u> , Yunus Emre İgaç	1228	A Systematic Review of Big Data Analysis Methods and Application Areas
16:20-16:30	<u>Nihal İnce</u> , Sevil Şentürk	1216	Simulation and Statistical Validation of Entropy-Based Fuzzy and Neutrosophic Models
16:30-16:40	<u>Zülal Demirci</u> , Mustafa Avcı	1217	Balancing Workloads in Store Renovations: A Case Study from a Shopping Mall
16:40-16:50	<u>Farid Nuriyev</u> , Gülşah Yenidünya Yalın, Ayşe Kubat Üzüm, Mustafa Altınkaynak, İlhan Satman, Deniz Kanca Demirci	1226	Investigation of the Effect of miR-155 Rs767649 T>A Polymorphism on miR-155 Gene Expression in Latent Autoimmune Diabetes in Adults (LADA)

16:50-	Tartışma/ Discussion
SALON 3 / HALL 3	

Oturum Başkanı / Moderator:			
HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
16:00-16:10	<u>Fatma Başoğlu Kabran</u> , Kâmil Demirberk Ünlü	1227	Forecasting Hourly Wind Power Using Deep Learning Models vs XGBoost
16:10-16:20	<u>Hamza Gözükara</u> , Ayşe Kızılay, Zeynep Şahin, Müberra Şen, Cansu Soysal, Jay Nimish Patel, Tuna Çakar	1267	Predicting Customer Churn in the Cosmetics Industry Using Machine Learning: A Random Forest and BorderlineSMOTE Approach
16:20-16:30	<u>Mehmet Talha Bozan</u> , Hamza Gözükara, Ayşe Kızılay, Zeynep Şahin, Kübra Abalı, Büşra Tosun, Jay Nimish Patel, Tuna Çakar	1269	Personalized Product Recommendations Using Matrix Factorization on Large-Scale Retail Data
16:30-16:40	<u>Kerem Kaya</u> , Alperen Sayar, Seyit Ertuğrul, Tuna Çakar	1270	Predicting Default Risk in Cheques Using Machine Learning Models: An Analysis of Individual and Corporate Customer
16:40-16:50	<u>Hamza Gözükara</u> , Erkan Kara, Yasemin Kurtçu Meşe, Ayşenur Yıldız, Emir Obalı, Tuna Çakar	1271	Predicting Customer Churn in Video Streaming Services Using Machine Learning: Random Forest and CatBoost Applications

16:50-	Tartışma/ Discussion
SALON 4 / HALL 4	

Oturum Başkanı / Moderator:			
HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
16:00-16:10	<u>Tuğçe Ata</u> , Mert Çeküç, Peri Güneş, Tuna Çakar	1272	Hybrid Approaches Based on Machine Learning and Deep Learning for Predicting Agricultural Commodity Prices in Turkey
16:10-16:20	<u>Tuna Çakar</u> , Özgüray Aydın, Eymen Berkay Yorulmaz,	1280	Prediction of Climate Change-Induced Floods Using Artificial Intelligence and Quantum Learning Methods

	Hasan Hüseyin Yurdagül, Âdem Seller, Hatice Özdemir		
16:20-16:30	Samim Erinç Merdivenci, <u>Besna Ruken Tarhan</u> , Damla Doğru Babacan, Tuna Çakar	1281	Comparative Analysis of Product Recommendation Systems to Enhance Upselling in B2B Operations
16:30-16:40	<u>Ferda Nur Özdemir</u> , Âdem Aksoy	1255	Forecasting Turkey's Hazelnut, Pistachio, and Walnut Exports Using Time Series Analysis (2005–2030)
16:40-16:50			
16:50-	Tartışma/ Discussion		

ONLINE SUNUMLAR / ONLINE PRESENTATION
16 Mayıs 2025 Cuma / May 16, 2025 Friday
1. OTURUM – SESSION 1

SALON 1 / HALL 1

Oturum Başkanı / Moderator:			
HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
10:00-10:10	Ahmet Mumcu	1166	The Effect of Disaster Awareness on AFAD Volunteer Intention: A Study on University Students
10:10-10:20	Ahmet Mumcu	1209	A Study on Developing a Basic Disaster Awareness Scale for Earthquakes
10:20-10:30	<u>Ilirjana Kraja</u> , Doriana Matraku, Abdulmenaf Sejdini	1273	Residential Rental Market in Albania: A Case Study of Tirana
10:30-10:40	Öznur Semiz	1241	Moving Beyond Significance: Understanding and Reporting Effect Sizes in Applied Linguistics Research
10:40-10:50	<u>Ege Dedeşayır</u> , Tuğba Söküt Açar, Tuğçe Akça	1080	Statistical Literacy Levels of Prospective Graduates: The Case of Çanakkale Onsekiz Mart University
10:50-	Tartışma/ Discussion		

SALON 2 / HALL 2

Oturum Başkanı / Moderator:			
HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
10:00-10:10	<u>Aybala Hilal Yüksel</u> , Nihat Gümüş	1261	Changing Audience Preferences in the Film Industry with the Pandemic
10:10-10:20	Fatıma Mammadova	1266	Development of Economic Intelligence Systems in the Context of Global Crisis and Its Economic Impacts
10:20-10:30	Abdulkerim Güler	1127	A Study on Health Expenditures in Turkey
10:30-10:40	Nuray Tezcan	1195	Impact of the COVID-19 Outbreak on Health Indicators: The Case of OECD Countries
10:40-10:50	Yavuz Yıldız, Buket Çınar Gelir, Nihal Er, Türkay Şahin, Esin Tuna, <u>Tuna Çakar</u>	1279	Neural Correlates of Cognitive Load in Drivers During Simulated Working Memory Tasks
10:50-	Tartışma/ Discussion		

SALON 3 / HALL 3

Oturum Başkanı / Moderator:			
HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
10:00-10:10	Gulcan Petricli	1129	The Application of Unsupervised Machine Learning Algorithms to the Clustering of Universities Worldwide in Relation to Sustainability Rankings
10:10-10:20	Nurgül Okur	1179	Structural and Statistical Analysis of Finite Mixture Models Based on q-Calculus
10:20-10:30	<u>Nurgül Okur</u> , Hasan Hüseyin Gül	1180	Homogeneous and Hybrid q-Mixture Forms of the Uma Distribution
10:30-10:40	<u>Çağdaş Yıldız</u> , Âdem Tüzemen	1188	Optimal Product Mix and Resource Allocation in Furniture Manufacturing Using Linear Programming: A Case of Furniture Company

10:40-10:50	<u>Çağdaş Yıldız</u> , Âdem Tüzemen	1189	Multi-Period Production and Inventory Planning in Textile Industry: A Case Study of Textile Company
10:50-	Tartışma/ Discussion		
SALON 4 / HALL 4			
Oturum Başkanı / Moderator:			
HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
10:00-10:10	Sanem Sehribanoglu	1064	One of the Hybrid Methods; Structural Equation Modeling and Artificial Neural Networks (SEM-ANN) Approach
10:10-10:20	Hatice Gül Sezgin-Ugranlı	1069	Data-Driven and Statistically-Informed Classification of Global MPP Voltage under Partial Shading Conditions
10:20-10:30	<u>Tuğba Aktaş Aslan</u> , Altan Tunçel	1076	Actuarial Pricing Using Schur-Constant Models
10:30-10:40	<u>Bahtiyar Dildeğmez</u> , Mehmet Özbaş	1078	Determination of Student Performance from Primary Education to Higher Education by Alternative Measurement and Evaluation Methods
10:40-10:50	Ömer Faruk Nasip	1081	Performance Comparison of Activation Functions in Breast Cancer Diagnosis: A Deep Learning Based Analysis
10:50-	Tartışma/ Discussion		

ONLINE SUNUMLAR / ONLINE PRESENTATION			
16 Mayıs 2025 Cuma / May 16, 2025 Friday			
2. OTURUM – SESSION 2			
SALON 1 / HALL 1			
Oturum Başkanı / Moderator:			
HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
11:00-11:10	<u>Suzan Kantarcı Savaş</u> , Kevser Tüter Şahinoğlu	1275	Analyzing Happiness Index by using Fuzzy Clustering
11:10-11:20	<u>Suzan Kantarcı Savaş</u>	1278	Forecasting Extra Virgin Olive Oil Prices by using Recurrent Neural Networks
11:20-11:30	<u>Ahmet Yıldız</u> , Mert Güvençli, Tuna Çakar	1276	Integrated Automation System Based on Optical Character Recognition and Semantic Interpretation in
11:30-11:40	<u>Ashkan Badiozzamani Tari Nazari</u> , Erkan Isikli	1225	The Impact of Choice Overload on University Selection and Student Satisfaction in Türkiye
11:40-11:50	<u>Suat Tuncer</u> , Ayşe Kızılay, Zeynep Şahin, Kübra Abalı, Büşra Tosun, Jay Nimish Patel, Tuna Çakar	1265	Personalized Product Recommendations in Cosmetic E-Commerce Using a Two-Tower Model
11:50-	Tartışma/ Discussion		
SALON 2 / HALL 2			
Oturum Başkanı / Moderator:			
HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
11:00-11:10	<u>Gizem Şara ONAY</u> , Mehmet ÇAKMAKÇI	1083	Improving Production with Artificial Neural Networks and Integration into ERP Systems: An Approach within the Scope of Industry 4.0
11:10-11:20	Deniz Efendioğlu	1085	A Hybrid Tree-Based Regression Model Combining Evolutionary and Simulated Annealing Techniques
11:20-11:30	<u>Melisa Dikici</u> , Gökçe Sabriye Hörük, Deniz Efendioğlu	1086	Examination of Supervised Machine Learning Algorithms in Employee Turnover Prediction
11:30-11:40	Mahmut Selim Boyracı	1089	Performance Comparison of Clustering Algorithms on Different Datasets
11:40-11:50	Erdoğan Karakullukçu	1100	A Robust Meta-Fuzzy Approach for Bivariate Correlation Analysis
11:50-	Tartışma/ Discussion		
SALON 3 / HALL 3			
Oturum Başkanı / Moderator:			

HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
11:00-11:10	<u>Toprak Kırac Taylan</u> , Özgül Vupa Çilengiroğlu, Ümit Kuvvetli	1101	The Relationship Between Team Statistics and League Rankings in the Turkish Süper League
11:10-11:20	<u>İrem Sü Menekşe</u> , Öznur Özaltın	1103	Air Quality Classification Based on Meteorological Data Using Machine Learning
11:20-11:30	<u>Öznur Özaltın</u> , Nursel Koyuncu	1104	Damage Detection of Building Structures Based on Artificial Intelligence Algorithms
11:30-11:40	<u>Öznur Özaltın</u> , Övgücan Karadağ Erdemir	1105	Insurance Fraud Classification via Feature Selection Method and Machine Learning Algorithms
11:40-11:50	<u>Fahreddin Kalkan</u> , İsmail Kınacı	1106	Following Major Damages in Insurance: Threshold-Based Warning and Maximum Damage Distribution
11:50-	Tartışma/ Discussion		

SALON 4 / HALL 4

Oturum Başkanı / Moderator:

HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
11:00-11:10	<u>Kadriye Nurdanay ÖZTÜRK</u> , Öyküm Esra YİĞİT	1121	Following Major Damages in Insurance: Threshold-Based Warning and Maximum Damage Distribution
11:10-11:20	Murat Yeşilkaya	1124	An Overview of Optimization Approaches for Waste Management Problems
11:20-11:30	<u>Hakan Ergün</u> , Ersoy Öz	1125	Housing Price Prediction Based on Automated Machine Learning: A Case Study on Three Major Cities in Turkey
11:30-11:40	Erhan Aptullahoglu	1131	Identification of Key Predictive Biomarkers for mTOR Inhibitor Response in Leukemia Cell Lines Using Multi-Omics Database Mining and Statistical Modeling
11:40-11:50	Mahir Hasanov	1150	Eigenvalue Bounds for the Fractional Laplacian
11:50-	Tartışma/ Discussion		

ONLINE SUNUMLAR / ONLINE PRESENTATION

16 Mayıs 2025 Cuma / May 16, 2025 Friday

3. OTURUM – SESSION 3

SALON 1 / HALL 1

Oturum Başkanı / Moderator:

HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
13:30-13:40	<u>Beyza Asena Çakıroğlu</u> , Ersoy Öz	1152	Forecasting Monthly Production by Fabric Type in a Textile Company Using Time Series Analysis
13:40-13:50	Emre Ürkmez	1158	Investigation of Unemployment Hysteria with Nonlinear Unit Root Tests: The Case of Turkey
13:50-14:00	Emre Ürkmez	1160	Investigation of the Mean Reversion in Stock Prices: The Case of BIST-100 Index
14:00-14:10	Özgül Vupa Çilengiroğlu, Büşra Çolak, Deniz Başşahin, <u>Derya Porsuk</u> , Mehmet Safa Aktaş	1164	Demand Forecast in E-Commerce Purchases Made in Small Businesses: İzmir Province Example
14:10-14:20	Burcu Mestav, Fikret Bartu Yurdacan	1170	Electricity Consumption and Manufacturing Industry Index: An Empirical Analysis Based on Monthly Industrial Consumption Data
14:20-	Tartışma/ Discussion		

SALON 2 / HALL 2

Oturum Başkanı / Moderator:

HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
13:30-13:40	<u>Gizem Özgüden</u> , Övgücan Karadağ Erdemir, Başak Bulut Karageyik	1268	A Comparative Mortality Analysis Using the Lee-Carter Model: Evidence from the UK, Bulgaria, and Belarus

13:40-13:50	<u>Eyup Sayın</u> , Murat Topuz, Bayram Yarım, Muhammet Fatih Aslan, Akif Durdu	1173	Standardization in Elevator Systems: Call and Display Panel Design Compatible with CANopen Communication Protocol
13:50-14:00	<u>Mustafa Talip Koyuncu</u> , Burak Demir, Muhammet Fatih Aslan, Akif Durdu	1174	Multi-Frequency and Multi-Protocol RFID Card Reader Device: Hardware and Application Design
14:00-14:10	<u>Murat Açıkğöz</u> , Defne Akay, Özlem Türkşen	1177	Nonlinear Parameter Estimation of Organic-Based Schottky Diodes Used in Solar Cell Applications via Artificial Intelligence Optimization Algorithms
14:10-14:20	<u>Murat Açıkğöz</u> , Özlem Türkşen	1178	Performance Evaluation of Artificial Intelligence Optimization Algorithms for Nonlinear Model Parameter Estimation through Multi-Criteria Decision Making Methods
14:20-	Tartışma/ Discussion		

SALON 3 / HALL 3

Oturum Başkanı / Moderator:

HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
13:30-13:40	Elvan Deniz	1199	Regional Distribution of Handled Containers at Turkish Ports
13:40-13:50	Elvan Deniz	1200	Customs Regime Distribution of Handled Containers at Turkish Ports
13:50-14:00	<u>Derya Çalışkan</u> , Mustafa Hilmi Pekalp, Halil Aydoğdu	1260	A Generalized Counting Process for Risk Theory: The Pólya-Aeppli Process
14:00-14:10	Hasan Arda Solak, Şeyma Koltuklu, Sueda Turgut, <u>Mahmut Bağcı</u>	1181	Using Statistical Moments in Hierarchical Machine Learning for Estimation of Birefringence in Mode-Locked Fiber Laser Systems
14:10-14:20	Fırat Çınar	1257	A Bibliometric Analysis of Publications in the Field of Statistics: A Comparative Study of Türkiye and the World
14:20-	Tartışma/ Discussion		

SALON 4 / HALL 4

Oturum Başkanı / Moderator:

HOURS	YAZARLAR/AUTHORS	ID	BAŞLIK / TITLE
13:30-13:40	Murat Yıldırım	1183	Mplus Jamovi Amos and Spss Programs in Partial Mediation Model: A Simulation Study
13:40-13:50	Aydın Özdemir	1248	An Efficiency Assessment of Technological Development Efficiency of NUTS-2 Regions Using Integrated Slack-Based Data Envelopment Analysis
13:50-14:00	<u>Bahar Uçar</u> , Pınar Kaya Soylu, Mahmut Bağcı	1187	Determination of Optimal Threshold for Pairs Trading Using Hierarchical Machine Learning Methods
14:00-14:10	<u>Ecenur Erkcı</u> , Meltem Ekiz	1193	Adaptive Weighted Least Squares Approach in Regression Analysis
14:10-14:20	<u>Çiğdem Uçar</u> , Nur Kuban Torun	1246	Visual and Descriptive Evaluation of Climate Studies Published Between 2015-2025 via Biblioshiny
14:20-	Tartışma/ Discussion		

Önemli, Dikkatle Okuyunuz Lütfen!

- ❖ Kongremizde bilim kurulunun değerlendirmesinden geçen bildiriler için tercihe bağlı olarak yüz yüze ve çevrimiçi (video konferans sistemi üzerinden) sunum imkânı sağlanmıştır.
- ❖ **Kongre programı Ankara-Türkiye saatine göre düzenlenmiştir. Lütfen saat farkına dikkat edin!**
- ❖ Çevrimiçi sunum yapabilmek için <http://zoom.us/join> sitesi üzerinden giriş yaparak “Meeting IDorPersonel Link Name” yerine ID (857 6989 5968) numarası ve şifre (uyik2025) yazarak oturuma katılabilirsiniz ya da aşağıdaki bağlantıdan doğrudan oturumlara katılabilirsiniz.
<https://us06web.zoom.us/j/85769895968?pwd=yOe6IG6TuzKw8zWNhiXkcLOUA2wb6V.1>
- ❖ Bağlantı yapıldıktan sonra ana oturumdan ara oturumlara (Salon 1, Salon 2, Salon 3, Salon 4) geçiş yapılmalıdır.
- ❖ Zoom uygulaması ücretsizdir ve hesap oluşturmaya gerek yoktur.
- ❖ Zoom uygulaması kaydolmadan kullanılabilir.
- ❖ Uygulama tablet, telefon ve PC’lerde çalışmaktadır.
- ❖ Her oturumdaki sunucular, sunum saatinden 5 dk öncesinde oturuma bağlanmış olmaları gerekmektedir.
- ❖ Tüm kongre katılımcıları canlı bağlanarak oturumu dinleyebilir.
- ❖ Moderatör – oturumdaki sunum ve bilimsel tartışma (soru-cevap) kısmından sorumludur.

Dikkat Edilmesi Gerekenler – Teknik Bilgiler

- ❖ Bilgisayarınızda mikrofon olduğuna ve çalıştığına emin olun.
- ❖ Zoom’da ekran paylaşma özelliğini kullanabilmelisiniz.
- ❖ Ekran paylaşmadan önce sunumun arka planda açık olması gerekmektedir.
- ❖ Katılım belgeleri kongre sonunda tarafınıza pdf olarak gönderilecektir.
- ❖ Sunumlar 10 dk ile sınırlı olacaktır

Important, Please Read Carefully

- ❖ In our congress, optional face-to-face and online (via video conferencing system) presentation opportunities were provided for the papers evaluated by the scientific committee.
- ❖ **The congress program is arranged according to Ankara - Türkiye time. Please pay attention to the time difference!**
- ❖ To make an online presentation, you can join the session by logging in via <http://zoom.us/join> and entering your ID (857 6989 5968) number and password (uyik2025) instead of “Meeting IDorPersonel Link Name”, or you can join the sessions directly from the link below.
<https://us06web.zoom.us/j/85769895968?pwd=yOe6IG6TuzKw8zWNhiXkcLOUA2wb6V.1>
- ❖ After connecting to the system, you should move from the main session to the break sessions (Hall 1, Hall,2 Hall 3, Hall 4).
- ❖ The Zoom application is free and no need to create an account.
- ❖ The Zoom application can be used without registration.
- ❖ The application Works on tablets, phones and PC’s.
- ❖ The participant must be connected to the session 5 minutes before the presentation time.
- ❖ All congress participants can connect live and listen to all sessions.
- ❖ Moderator is responsible for the presentation and scientific discussion (question-answer) section of the session.

Points to Take into Consideration – Technical Information

- ❖ Make sure your computer has a microphone and is working.
- ❖ You should be able to use screen sharing feature in Zoom.
- ❖ Before sharing the screen, the presentation must be open in the background.
- ❖ Attendance certificates will be sent to you as pdf at the end of the congress.
- ❖ Presentations will be limited to 10 minutes.