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Address : Yıldız Teknik Üniversitesi Fen-Edebiyat Fakültesi İstatistik Bölümü A1-25 Davutpaşa/Esenler International Researcher

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Publons / Web Of Science ResearcherID: AAU-1069-

2020

ScopusID: 57217633355 Yoksis Researcher ID: 199470



Education

Doctorate 2014 - 2021	Yildiz Technical University, Graduate School Of Natural And Applied Sciences, İstatistik, Turkey		
Postgraduate 2012 - 2014	Istanbul Commerce University, Institute Of Science, İstatistik, Turkey		
Undergraduate 2007 - 2012	Istanbul Commerce University, Fen Edebiyat Fakültesi, İstatistik, Turkey		

Foreign Languages

English, C2 Mastery

Certificates, Courses and Trainings

Occupational Health and Safety, İlk Yardım OED Eğitimi, Sağlık Bakanlığı, 2021
Occupational Health and Safety, Temel İSG Eğitimi, Yıldız Teknik Üniversitesi, 2021
Occupational Health and Safety, Afet ve Acil Durum Eğitimi, Yıldız Teknik Üniversitesi, 2019
Occupational Health and Safety, İlk Yardım Eğitimi, Yıldız Teknik Üniversitesi, 2016
Occupational Health and Safety, Temel İSG Eğitimi, Yıldız Teknik Üniversitesi, 2016

Dissertations

Doctorate, Maç Sonuçları için Klasik Çok Değişkenli Yöntemler ve Makine Öğrenmesi ile İstatistiksel Öngörü Tahmini, Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics, 2021

Postgraduate, Türkiye'deki Dolar Kuru Volatilitesinin Modellenmesi, Istanbul Commerce University, Institute Of Science, 2014

Academic Titles / Tasks

Assistant Professor 2024 - Continues	Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics
Research Assistant PhD 2021 - 2024	Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics
Research Assistant 2013 - 2021	Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics

Supported Projects

- 1. Parim C., Çene E., Şentürk D., Akyıldız Z., TUBITAK Project, Makine Öğrenmesi Yöntemleriyle Elit Futbolcularda Sakatlıkların Önceden Belirlenmesi ve Önlenmesi, 2025 2027
- 2. Büyüklü A. H., Yıldız D., Parim C., Güneş M. Ş., Keskin A., Technopark, İtibarın Sürdürülebilirliği / Firma Bazlı Marka İtibar Araştırması, 2019 - 2021
- 3. Büyüklü A. H., Parim C., Technopark, Türkiye'de İtibarlı Şirketlerin Ülke Geneli ve İl Bazında Farklılaşmasının Analizi, 2018 2018

Scholarships

Yurtiçi Doktora Bursu, TUBITAK, 2014 - 2021

Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yıldız Teknik Üniversitesi, January, 2025

Doctoral Examination, Doctoral Examination, Yıldız Teknik Üniversitesi, December, 2024

1. Examining the Impacts of GDP, Trade Openness, Freedom Index and the Internet on FDI: Comparison of Countries with Panel ARDL

Güz T., Parim C., Cene E.

Politicka Ekonomie, vol.73, no.1, pp.88-124, 2025 (SSCI)

2. How do European and non-European players differ: Evidence from EuroLeague basketball with multivariate statistical analysis

Çene E., Özdalyan F., Parim C., Manci E., Inan T.

PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS. PART P, JOURNAL OF SPORTS ENGINEERING AND TECHNOLOGY, vol.0, pp.1-20, 2024 (SCI-Expanded)

3. Comparison of external load measures per minute based on match seasonal periods and playing positions of a soccer Turkish super league team

Akyildiz Z., Yüksel Y., Birgonül Y., Ceylan H. İ., Oliveira R., Çene E., Parim C., Clemente F. M., Nobari H.

BMC Musculoskeletal Disorders, vol.24, no.1, 2023 (SCI-Expanded)

4. Within-week differences in external training load demands in elite volleyball players

Akyildiz Z., Castro H. D. O., Çene E., Laporta L., Parim C., Altundag E., Akarçeşme C., Guidetti G., Miale G., Silva A. F., et al.

BMC SPORTS SCIENCE MEDICINE AND REHABILITATION, vol.14, no.1, 2022 (SCI-Expanded)

5. Locomotor Demands in Professional Male Football Players: Differences and Variability According to Halves and Playing Positions

Akyildiz Z., Yuksel Y., Çene E., Parim C., Silva R. M., Isik A., Yıldız M., Silva A. F., Badicu G., Clemente F. M. JOURNAL OF MENS HEALTH, vol.18, no.7, 2022 (SCI-Expanded)

6. Classified metabolic power-based measures in professional football players: comparison between playing positions and match period

Akyildiz Z., Çene E., Parim C., Cetin O., Turan C., Yuksel Y., Silva R., Silva A. F., Nobari H.

BMC SPORTS SCIENCE MEDICINE AND REHABILITATION, vol.14, no.1, 2022 (SCI-Expanded)

7. Applying the Hierarchical Gray Relational Clustering Method to Municipal Water Use in Turkey Güneş M. Ş., Parim C., Yıldız D., Büyüklü A. H.

TEKNIK DERGI, vol.33, no.2, pp.11847-11855, 2022 (SCI-Expanded)

8. Prediction of Match Outcomes with Multivariate Statistical Methods for the Group Stage in the UEFA Champions League

Parim C., Güneş M. Ş., Büyüklü A. H., Yıldız D.

JOURNAL OF HUMAN KINETICS, vol.79, no.1, pp.197-209, 2021 (SCI-Expanded)

9. Predicting monthly streamflow using a hybrid wavelet neural network: Case study of the Çoruh river basin

Güneş M. Ş., Parim C., Yıldız D., Büyüklü A. H.

Polish Journal of Environmental Studies, vol.30, no.4, pp.3065-3075, 2021 (SCI-Expanded)

Articles Published in Other Journals

1. Morphometric Evaluation Of the Arteries Supplying the Brain in Alzheimer's Patients: A Radiological Anatomy Study

KİBAR C., KELEŞ P., KÖSE Ö. Ö., AKPINAR Y. E., PARİM C.

Kocaeli Tıp Dergisi, vol.13, no.2, pp.122-127, 2024 (Peer-Reviewed Journal)

2. Can We Identify the Similarity of Courses in Computer Science?

Karadağ T., Parim C., Büyüklü A. H.

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.41, no.4, pp.812-823, 2023 (ESCI)

3. Predicting Countries' Development Levels Using the Decision Tree and Random Forest Methods Özkan B., Parim C., Çene E.

Ekoist journal of econometrics and statistics (Online), vol.0, no.38, pp.87-104, 2023 (Peer-Reviewed Journal)

4. Mechanical performance improvement of super absorbent polymer-modified concrete

Dilbas H., Birdal F., Parim C., Güneş M. Ş.

MethodsX, vol.10, 2023 (ESCI)

5. Concrete Mixture Design with Decision Tree Algorithm for Low, Medium and High Strengths Parim C., Güneş M. Ş., Dilbas H.

Çukurova Üniversitesi Mühendislik Fakültesi dergisi, vol.37, no.4, pp.951-958, 2022 (Peer-Reviewed Journal)

6. Selecting the best team from the players in the 2018 FIFA World Cup using performance analysis Karadağ T., Parim C., Çene E.

INTERNATIONAL SPORTS STUDIES, vol.42, no.1, pp.15-32, 2020 (ESCI)

7. Clustering of Countries by the Factors Affecting Levels of Development and It's Comparison by Years

Parim C., Özkan B., Çene E.

Data Science and Applications, vol.2, pp.4-7, 2019 (Peer-Reviewed Journal)

8. Comparing the Performance of Basketball Players with Decision Trees and TOPSIS

Çene E., Parim C., Özkan B.

Data Science and Applications, no.1, pp.21-28, 2018 (Peer-Reviewed Journal)

9. Volatility Modelling for Euro in Turkey

Turanlı M., Cengiz D., Parim C.

European Journal of Business and Social Sciences, vol.3, no.10, pp.34-41, 2015 (Peer-Reviewed Journal)

Books

1. Prediction of Bitcoin Price Using Long Short-Term Memory (LSTM) by Feature Selection with Genetic Algorithm

Parim C., Güz T., Çene E.

in: Blockchain: Concepts, Issues and Applications, Emre AKADAL,Seda KARAKAŞ GEYİK,Mehmet Hakan SATMAN, Editor, Istanbul University Press, İstanbul, pp.99-124, 2024

2. The Nexus on Unemployment and Labor Force Participation with Socio-Economic Factors:

Comparison of Different Cluster Analysis Techniques on OECD Countries

Parim C., Güneş M. Ş., Çene E.

in: Kümeleme Analizine Farklı Yaklaşımlar ve Sosyal Bilimler Alanında Uygulamalar, Selay GİRAY YAKUT,Özlem ERGÜT, Editor, Holistence Publications, İstanbul, pp.201-229, 2024

3. How the Population will Change until 2050 in Türkiye: Population Projection at Province Level with Cohort-Component Method

Çene E., Parim C.

in: Current Debates on Social Sciences 15, Meryem Bulut, Editor, BİDGE Yayınları, Ankara, pp.49-62, 2023

4. Do Employment and Democracy Foster the GDP? A Panel ARDL Approach for Developing Countries Çene E., Güz T., Parim C.

in: Current Debates on Social Sciences 13, Zeynep Karacagil, Editor, Bilgin Kültür Sanat Yayınları, Ankara, pp.242-259, 2023

5. Comparison of K-means and Fuzzy C-means Clustering Algorithms on Water Quality Parameters: Case Study of Ergene Basin for 17 Stations

Arslan Çene G., Parim C., Çene E.

in: Current Debates on Natural and Engineering Sciences 9, Hikmet Y. Çoğun,İshak Parlar,Hasan Üzmuş, Editor, Bilgin Kültür Sanat Yayınları, Ankara, pp.145-159, 2023

1. Estimating Air Pollution in Istanbul through Machine Learning Techniques

Valunya T., Parim C., Karaman F.

International Applied Statistic Congress (UYIK), İstanbul, Turkey, 21 - 23 May 2024, pp.42

2. Daily Natural Gas Price Prediction with Long Short-Term Memory

Özkan B., Parim C., Noyan Tekeli F.

9th International Conference on Advances in Statistics (ICAS 2023), Baku, Azerbaijan, 20 - 22 June 2023, pp.20

3. Comparison of K-means and Fuzzy C-means Clustering Algorithms on Water Quality Parameters: Case Study of Ergene Basin for 17 Stations

Arslan Çene G., Parim C., Çene E.

3rd International Congress of Engineering and Natural Sciences Studies, Ankara, Turkey, 24 - 25 May 2023, pp.62

4. Do Employment and Democracy Foster the GDP? A Panel ARDL Approach for Developing Countries Çene E., Güz T., Parim C.

5th International Congress of Multidisciplinary Social Sciences, Ankara, Turkey, 21 - 22 May 2023, pp.185

5. Investigation of the Relationship between Head Diameter and Superior Sagittal Sinus in Alzheimer's Patients

Öztürk Köse Ö., Parim C., Akpınar Y. E., Karip B., Balcıoğlu H. A., Keleş P.

II. International Dr. Safiye Ali Congress on Multidisciplinary Studies in Health Sciences, Düzce, Turkey, 30 September - 02 October 2022, pp.1-2

6. A Hybrid Long Short-Term Memory Model For Daily Crude Oil Price Prediction

Parim C., Özkan B., Noyan Tekeli F.

8th International Conference on Advances in Statistics (ICAS 2022), Gazimagusa, Cyprus (Kktc), 16 - 18 May 2022, pp.16

7. Predicting Monthly Streamflow Using a Hybrid Wavelet Neural Network: Case Study of the Çoruh River Basin

PARİM C., GÜNEŞ M. Ş., BÜYÜKLÜ A. H., YILDIZ D.

4th International Conference on Data Science and Applications (ICONDATA'21), 4 - 06 June 2021

8. Applying the Hierarchical Gray Relational Clustering Method to Municipal Water Use in Turkey GÜNEŞ M. Ş., PARİM C., YILDIZ D., BÜYÜKLÜ A. H.

4th International Conference on Data Science and Applications (ICONDATA'21), Turkey, 4 - 06 June 2021

9. Customer Churn Analysis with Artificial Neural Network Algorithms - An Example of a Telecom Company

TÜFEKÇİ P. S., BÜYÜKLÜ A. H., PARİM C.

Middle East International Conference on Contemporary Scientific Studies-V, Ankara, Turkey, 27 March 2021, vol.3, pp.453-454

10. Classification of Provinces in Turkey by Cultural Structure Fuzzy Clustering Analysis Approach Based on Factor Analysis

Turanlı M., Özden Ü. H., Bağdatlı Kalkan S., Parim C.

 $20 th\ International\ Symposium\ on\ Econometrics,\ Operations\ Research\ and\ Statistics,\ Ankara,\ Turkey,\ 12-14$ $February\ 2020,\ pp.280$

11. Comparing the Performance of Basketball Players with Decision Trees and TOPSIS

Çene E., Parim C., Özkan B.

International Conference on Data Science and Applications, Yalova, Turkey, 4 - 07 October 2018, pp.117-118

12. Türkiye ile Avrupa Birliğine Üye Ülkelerin Gelişmişlik Düzeylerinin İstatistiksel Yöntemlerle Karşılaştırılması

Turanlı M., Turanlı R., Parim C.

19th International Symposium on Econometrics, Operations Research and Statistics, Antalya, Turkey, 17 October 2018, pp.851-853

13. Investigation of Satisfaction Levels of University Students in Istanbul with Multivariate Statistical Methods and Decision Tree

Özkan B., Çene E., Parim C.

International Conference on Data Science and Applications, Yalova, Turkey, 4 - 07 October 2018, pp.489-505

14. Clustering of Countries by The Factors Affecting Levels of Development and Its Comparison by Years Parim C., Özkan B., Çene E.

International Conference on Data Science and Applications, Yalova, Turkey, 4 - 07 October 2018, pp.114-115

15. Comparing Ethereum Return and USD Exchange Rate Return with Time Series Analysis

Özkan B., Parim C., Çene E.

4th International Researchers, Statisticians and Young Statisticians Congress, İzmir, Turkey, 28 April 2018, pp.167

16. 2017 Model Otomobillerin Kriterlerine Göre Kümelenmesi ve TOPSISYöntemine Göre En İyi Tercihin Belirlenmesi

Turanlı M., Parim C.

18th International Symposium on Econometrics, Operations Research and Statistics, Trabzon, Turkey, 05 October 2017, pp.415

17. Borsa İstanbul 'da İşlem Gören A Grubu Hisse Senetlerinin Güniçi Birlikteliklerinin Analizi

Parim C., Bilen Ö., Büyüklü A. H.

Xth International Statistics Days Conference, Giresun, Turkey, 7 - 09 October 2016

18. Nonparametrik Regresyon Analizinde Farklı Band Genişliklerine Göre Model Kestirimi

Turanlı M., Cengiz D., Bağdatlı Kalkan S., Parim C.

17th International Symposium On Econometrics, Operations Research And Statistics, Sivas, Turkey, 02 June 2016, pp.303-304

19. An Application for Adaptive Cluster Sampling

Turanli M., Cengiz D., Parim C., Bozkır Ö.

16th International Symposium On Econometrics, Operations Research And Statistics, Edirne, Turkey, 07 May 2015, pp.447

20. Türkiye'deki Dolar Kuru Volatilitesinin Modellenmesi

Turanlı M., Parim C.

15th International Symposium on Econometrics, Operations Research and Statistics, Isparta, Turkey, 22 May 2014, pp.600-611

Academic and Administrative Experience

2025 - Continues	Deputy Head of Department	Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics
2019 - Continues	Akademik-Kültürel Etkinlik ve İletişim Komisyon Üyesi	Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics
2019 - Continues	Bilişim-Web ve Laboratuvar Komisyon Üyesi	Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics
2016 - Continues	Staj Komisyon Üyesi	Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics
2022 - 2023	Fen Edebiyat Fakültesi Web Sitesi Sorumlusu	Yildiz Technical University, Faculty Of Arts & Science
2014 - 2018	Erasmus Komisyon Üyesi	Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics

Courses

Postgraduate

Yöneylem Araştırması ve Bilgisayar Uygulamaları, Postgraduate, 2024 - 2025 Biyoistatistik, Postgraduate, 2024 - 2025

Undergraduate

Ekonometri, Undergraduate, 2024 - 2025

Python ile Programlama, Undergraduate, 2024 - 2025

Bitirme Çalışması, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022

Econometrics, Undergraduate, 2024 - 2025, 2023 - 2024

Veri Tabanı, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023

Biyoistatistik, Undergraduate, 2024 - 2025

İstatistiğe Giriş, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022

Büyük Veri Analizine Giriş, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023

Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, Other Indexed Journal, March 2025

İstatistik ve Uygulamalı Bilimler Dergisi, National Scientific Refreed Journal, July 2022 İstanbul Ticaret Üniversitesi Fen Bilimleri Dergisi, Other Indexed Journal, June 2022

Sosyal Bilimler için İstatistik, Undergraduate, 2024 - 2025

Temel Bilgisayar Bilimleri, Undergraduate, 2023 - 2024, 2022 - 2023

Stokastik Süreçler, Undergraduate, 2021 - 2022

Olasılık, Undergraduate, 2021 - 2022

Supervised Theses

Parim C., Hava Kirliliğinin Makine Öğrenmesi Yöntemleriyle Tahmin Edilmesi, Postgraduate, T.Valunya(Student), Continues

Peer Reviews in Scientific Publications

International journal of advances in engineering and pure sciences (Online), Other Indexed Journal, March 2025
Black Sea Journal of Engineering and Science, Other Indexed Journal, January 2025
Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, Other Indexed Journal, January 2025
İstanbul Ticaret Üniversitesi Dış Ticaret Dergisi, Other Indexed Journal, January 2025
SSRJ | Social Sciences Research Journal, Other Indexed Journal, January 2025
JOURNAL OF AGRICULTURAL SCIENCES, Journal Indexed in SCI-E, January 2025
Erzincan Üniversitesi Eğitim Fakültesi Dergisi, Other Indexed Journal, January 2025
SSRJ | Social Sciences Research Journal, Other Indexed Journal, December 2024
COMPUTERS IN HUMAN BEHAVIOR, Journal Indexed in SSCI, December 2023
İstanbul Ticaret Üniversitesi Dış Ticaret Dergisi, Other Indexed Journal, May 2023

Tasks In Event Organizations

Tuna E., Parim C., Yıldız D., Özkan E., Karaman F., Güneş M. Ş., Mutiş M., Yiğit Ö. E., Karadağ T., Cellat Z. F., 7th International Researchers, Statisticians, and Young Statisticians Congress, Scientific Congress, İstanbul, Turkey, Kasım 2023
Parim C., y-BIS 2019 Conference: ISBIS Young Business and Industrial Statisticians Workshop on Recent Advances in Data Science and Business Analytics, Scientific Congress, İstanbul, Turkey, Eylül 2019
Parim C., KARADAĞ T., 15th International Statistics Student Colloquium, Scientific Congress, İstanbul, Turkey, Mayıs 2018
Parim C., 11. Uluslararası İstatistik Öğrenci Kolokyumu, Scientific Congress, İstanbul, Turkey, Mayıs 2014

Parim C., y-BIS 2013 Conference - Joint Meeting of Young Business and Industrial Statisticians, Scientific Congress, İstanbul, Turkey, Eylül 2013

Metrics

Publication: 44
Citation (WoS): 36
Citation (Scopus): 38
H-Index (WoS): 4
H-Index (Scopus): 4

Congress and Symposium Activities

7th International Researchers, Statisticians, and Young Statisticians Congress, Audience, İstanbul, Turkey, 2023 9th International Conference on Advances in Statistics (ICAS 2023), Attendee, Baku, Azerbaijan, 2023 3th International Congress of Engineering and Natural Sciences Studies, Attendee, Ankara, Turkey, 2023 5th International Congress on Multidisciplinary Social Sciences, Attendee, Ankara, Turkey, 2023 8th International Conference on Advances in Statistics (ICAS 2022), Audience, Gazimagusa, Cyprus (Kktc), 2022 4th International Conference on Data Science and Applications (ICONDATA'21), Attendee, İstanbul, Turkey, 2021 Middle East International Conference on Contemporary Scientific Studies-V, Attendee, Ankara, Turkey, 2021 20th International Symposium on Econometrics, Operations Research and Statistics, Attendee, Ankara, Turkey, 2020 19th International Symposium on Econometrics, Operations Research and Statistics, Attendee, Antalya, Turkey, 2018 International Conference on Data Science and Applications, Attendee, Yalova, Turkey, 2018 4th International Researchers, Statisticians and Young Statisticians Congress, Attendee, İzmir, Turkey, 2018 18th International Symposium on Econometrics, Operations Research and Statistics, Attendee, Trabzon, Turkey, 2017 Xth International Statistics Days Conference, Session Moderator, Giresun, Turkey, 2016 17th International Symposium On Econometrics, Operations Research And Statistics, Attendee, Sivas, Turkey, 2016 The 27th European Conference on Operational Research (EURO 2015), Attendee, Glasgow, United Kingdom, 2015 European Conference on Continuous Optimization (EUROPT 2015), Audience, Edinburgh, United Kingdom, 2015 16th International Symposium On Econometrics, Operations Research And Statistics, Attendee, Edirne, Turkey, 2015 15th International Symposium on Econometrics, Operations Research and Statistics, Attendee, Isparta, Turkey, 2014 y-BIS 2013 Conference - Joint Meeting of Young Business and Industrial Statisticians, Attendee, İstanbul, Turkey, 2013

Research Areas

Quantitative Methods, Sports Sciences and Technology, Statistics, Statistical Analysis and Applications, Sport Physiology

Representation and Promotion Activities

Institutional Promotion, EKET Tanıtım Fuarı, Turkey, İstanbul, 2022 - 2022
Institutional Promotion, Yıldız Teknik Üniversitesi Çevrimiçi Tanıtım Günleri, Turkey, İstanbul, 2021 - 2021
Institutional Promotion, Yıldız Teknik Üniversitesi FBE Online Lisansüstü Programlar Tanıtım Günü, Turkey, İstanbul, 2021 - 2021

Non Academic Experience

University, İstanbul Ticaret Üniversitesi, Fen Bilimleri Enstitüsü / İstatistik Bölümü, Kısmi Zamanlı Öğretim Üyesi

University, İstanbul Sabahattin Zaim Üniversitesi, Sağlık Bilimleri Fakültesi / Hemşirelik Bölümü, Kısmi Zamanlı Öğretim Üyesi

University, İstanbul Sabahattin Zaim Üniversitesi, Lisansüstü Eğitim Enstitüsü / Hemşirelik Anabilim Dalı, Kısmi Zamanlı Öğretim Üyesi

University, İstinye Üniversitesi, İktisadi ve Sosyal Bilimler Fakültesi / Sağlık Yönetimi Bölümü, Kısmi Zamanlı Öğretim Üyesi