

**COSKUN
PARIM**

ASST. PROF.

Email : cparim@yildiz.edu.tr

Other Email :

coskunparim@gmail.com

Office Phone : [+90 212 383](tel:+902123834417)

[4417](tel:+902123834417)

Address : Yıldız Teknik

Üniversitesi Fen-Edebiyat

Fakültesi İstatistik Bölümü

A1-25 Davutpaşa/Esenler

International Researcher

IDs

ScholarID: GNE6jUQAAAAJ

ORCID: 0000-0002-6412-

1325

Publons / Web Of Science

ResearcherID: AAU-1069-

2020

ScopusID: 57217633355

Yoksis Researcher ID: 199470



Learning Knowledge

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, Yıldız Technical University, Faculty Of Arts & Science, Department Of Statistics, 2021
Postgraduate, Türkiye'deki Dolar Kuru Volatilitésinin Modellenmesi, Istanbul Commerce University, Institute Of Science, 2014

Academic Titles / Tasks

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

Supported Projects

- NOYAN TEKELİ F., GÖLBAŞI ŞİMŞEK G., PARİM C., KARADAĞ T., ÖZKAN B., ÖZKAN E., SATICI S. A., Project Supported by Higher Education Institutions, 6 Şubat 2023 Kahramanmaraş Merkezli Depremlerin Yıldız Teknik Üniversitesi Öğrencileri Üzerindeki Etkileri, 2023 - Continues
- Büyüklü A. H., Yıldız D., Parim C., Güneş M. Ş., Keskin A., Technopark, İtibarın Sürdürülebilirliği / Firma Bazlı Marka İtibar Araştırması, 2019 - 2021
- Büyüklü A. H., Parim C., Technopark, Türkiye'de İtibarlı Şirketlerin Ülke Geneli ve İl Bazında Farklılaşmasının Analizi, 2018 - 2018

Scholarships

Yurtiçi Doktora Bursu, TÜBİTAK, 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

Published journal articles indexed by SCI, SSCI, and AHCI

- 1. How do European and non-European players differ: Evidence from EuroLeague basketball with multivariate statistical analysis**
Çene E., Özdalyan F., Parim C., Mancı 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)
- 2. 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)
- 3. 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., Akarçesme C., Guidetti G., Miale G., Silva A. F., et al.
BMC SPORTS SCIENCE MEDICINE AND REHABILITATION, vol.14, no.1, 2022 (SCI-Expanded)
- 4. 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)
- 5. 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)
- 6. 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)
- 7. 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)
- 8. 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 & Book Chapters

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. Coğun, İshak Parlar, Hasan Üzmuş, Editor, Bilgin Kültür Sanat Yayınları, Ankara, pp.145-159, 2023

Refereed Congress / Symposium Publications in Proceedings

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., Balçioğlu 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.
20th 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 Günceli Birlikliklerinin 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**
Turanlı 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 Volatilitésinin 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

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

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
 İstatistiğe Giriş, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022
 Büyük Veri Analizine Giriş, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023
 Sosyal Bilimler için İstatistik, Undergraduate, 2024 - 2025

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

Stokastik Süreçler, Undergraduate, 2021 - 2022

Olasılık, Undergraduate, 2021 - 2022

Advising Theses

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

Scientific Refereeing

Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, National Scientific Refreed Journal, January 2025

SSRJ | Social Sciences Research Journal, 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, National Scientific Refreed Journal, May 2023

İstatistik ve Uygulamalı Bilimler Dergisi, National Scientific Refreed Journal, July 2022

İstanbul Ticaret Üniversitesi Fen Bilimleri Dergisi, National Scientific Refreed Journal, June 2022

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: 43

Citation (WoS): 33

Citation (Scopus): 34

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, İstinye Üniversitesi, Sağlık Yönetimi