COSKUN PARIM

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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, Instıtute Of Scıence, 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

Research Assistant PhD 2021 - Continues	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. Büyüklü A. H., Yıldız D., Parim C., Güneş M. Ş., Keskin A., Technopark, İtibarın Sürdürülebilirliği / Firma Bazlı Marka İtibar Araştırması, 2019 - 2021
2. 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

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., 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)
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., Akarçeşme 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. **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)

2. **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)

3. **Mechanical performance improvement of super absorbent polymer-modified concrete**

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

MethodsX, vol.10, 2023 (ESCI)

4. **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)

5. **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)

6. **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)

7. **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)

8. **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. **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

2. **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

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.
   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

Refereed Congress / Symposium Publications in Proceedings

1. **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

2. **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

3. **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

4. **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

5. **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

6. **Applying the Hierarchical Gray Relational Clustering Method to Municipal Water Use in Turkey**
   Güneş M. Ş., Parim C., Yıldız D., Büyüklü A. H.
   4th International Conference on Data Science and Applications (ICONDATA'21), İstanbul, Turkey, 4 - 06 June 2021, pp.81

7. **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.
   4th International Conference on Data Science and Applications (ICONDATA'21), İstanbul, Turkey, 4 - 06 June 2021, pp.2

8. **Customer Churn Analysis with Artificial Neural Network Algorithms – An Example of a Telecom Company**
   Tüfekçi P. S., Büyüklü A. H., Parim C.
   Middle East International Conference on Contemporary Scientific Studies-V, Ankara, Turkey, 27 - 28 March 2021,

pp.453-454

9. **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

10. **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

11. **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

12. **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

13. **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

14. **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

15. **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

16. **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

17. **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

18. **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

19. **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

2022 - Continues	Fen Edebiyat Fakültesi Web Sitesi Sorumlusu	Yildiz Technical University, Faculty Of Arts & Science

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
2014 - 2018	Erasmus Komisyon Üyesi	Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics

Courses

Bitirme Çalışması, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Büyük Veri Analizine Giriş, Undergraduate, 2023 - 2024, 2022 - 2023
Temel Bilgisayar Bilimleri, Undergraduate, 2023 - 2024, 2022 - 2023
Veri Tabanı, Undergraduate, 2023 - 2024, 2022 - 2023
İstatistiğe Giriş, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
Econometrics, Undergraduate, 2023 - 2024
Stokastik Süreçler, Undergraduate, 2021 - 2022
Olasılık, Undergraduate, 2021 - 2022

Scientific Refereeing

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: 38
Citation (WoS): 12
Citation (Scopus): 13
H-Index (WoS): 2

H-Index (Scopus): 2

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, Statistics, Statistical Analysis and Applications

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