

# ERHAN ÇENE

## ASSOC. PROF.

Email : [ecene@yildiz.edu.tr](mailto:ecene@yildiz.edu.tr)

Other Email : [erhancene@hotmail.com](mailto:erhancene@hotmail.com)

Office Phone : [+90 212 383 4430](tel:+902123834430) Extension: 4430

### International Researcher IDs

ScholarID: o7F1mWAAAAAJ

ORCID: 0000-0001-5336-6004

Publons / Web Of Science ResearcherID: C-4805-2015

ScopusID: 57738483900

Yoksis Researcher ID: 188501

### Learning Knowledge

Doctorate 2011 - 2016	Yildiz Technical University, Graduate School Of Natural And Applied Sciences, İstatistik, Turkey
Postgraduate 2008 - 2011	Yildiz Technical University, Faculty Of Arts & Science, Matematik, Turkey
Undergraduate Double Major 2006 - 2010	Yildiz Technical University, Faculty Of Arts & Science, İstatistik, Turkey
Undergraduate 2004 - 2008	Yildiz Technical University, Faculty Of Arts & Science, Matematik, Turkey

### Foreign Languages

English, C2 Mastery

### Dissertations

Doctorate, DETERMINANTS OF FOREIGN DIRECT INVESTMENT: A BAYESIAN APPROACH, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, 2016

Postgraduate, Z3 - graded H-deformation and differential geometry of H-superplane, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, 2011

### Academic Titles / Tasks

Assistant Professor 2019 - Continues	Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics
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Researcher  
2021 - 2022

Duke University

Research Assistant PhD  
2016 - 2019

Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics

Research Assistant  
2010 - 2016

Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics

## Supported Projects

1. Yıldırım E. E., Yavuz S. N., Kırçık H., Çene E., TUBITAK Project, Metin Madenciliği Yöntemleri Kullanılarak Dizi, Film, Şarkı Ve Sosyal Medya Yorumlarının Analizi, 2022 - 2023
2. Yavaş S., Çene E., TUBITAK Project, Futbolcuların Pozisyona Ve Dizilişe Göre Performans Metriklerinin Makine Öğrenmesi Yöntemleriyle Analizi, 2022 - 2023
3. Gündüz A. A., Mumcu B. K., Gören C., Çene E., TUBITAK Project, Basketbolda Sıcak El Etkisinin Makine Öğrenmesi Yöntemleriyle Araştırılması, 2022 - 2023
4. Çene E., Dinç O., TUBITAK Project, Prediction and Visualization of Factors Affecting Shooting Percentage in Basketball Using Machine Learning Methods, 2022 - 2023
5. Ergün H., Çene E., TUBITAK Project, Predicting Outcome of Basketball Games with Machine Learning Methods and Developing an Interface, 2021 - 2022
6. Sancak E., Çene E., TUBITAK Project, Developing an Automatic Survey Reporter: A Shiny Application, 2020 - 2020

## 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**  
Akyıldız Z., Yüksel Y., Birgönül 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. **Thrombotic risk assessment in antiphospholipid syndrome: do noncriteria antibodies contribute?**  
Uludağ Ö., ÇINAR S., McDonnell T., ÇENE E., Yalçinkaya Y., GÜL A., İnanç M., Artım Esen B.  
Turkish Journal of Medical Sciences, vol.53, no.5, pp.1067-1074, 2023 (SCI-Expanded)
4. **Evaluation of endodontically treated teeth and related apical periodontitis using periapical and endodontic status scale: Retrospective cone-beam computed tomography study**  
Cikman A. S., KÖSE T. E., GÜNAÇAR D. N., ÇENE E., ARICIOĞLU B.  
AUSTRALIAN ENDODONTIC JOURNAL, vol.48, no.3, pp.431-443, 2022 (SCI-Expanded)
5. **Within-week differences in external training load demands in elite volleyball players**  
Akyıldız 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)
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. **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)
8. **Effects of a competitive half-season on the aerobic capacity and match running performance of Turkish elite professional soccer players**  
Akyildiz Z., Guler A. H., ÇENE E., Vieira L. H. P., Aquino R., Clemente F. M.  
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART P-JOURNAL OF SPORTS ENGINEERING AND TECHNOLOGY, 2022 (SCI-Expanded)
9. **Relationships between internal and external training load demands and match load demands in elite women volleyball players**  
Altundag E., Akyildiz Z., Lima R., Castro H. d. O., ÇENE E., AKARÇEŞME C., Miale G., Clemente F. M.  
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART P-JOURNAL OF SPORTS ENGINEERING AND TECHNOLOGY, 2022 (SCI-Expanded)
10. **Description of damage in different clusters of patients with antiphospholipid syndrome**  
ULUDAĞ Ö., ÇENE E., Gurel E., Cetin C., Bektas M., Yalcinkaya Y., Diz-Kucukkaya R., Gül A., Inanc M., Artim-Esen B.  
LUPUS, vol.31, no.4, pp.433-442, 2022 (SCI-Expanded)
11. **Validation of the adjusted global antiphospholipid syndrome score in a single centre cohort of APS patients from Turkey**  
Uludag O., BEKTAŞ M., ÇENE E., Sezer M., Sahinkaya Y., Gül A., Inanc M., ocal L., Artim-Esen B.  
JOURNAL OF THROMBOSIS AND THROMBOLYSIS, vol.51, no.2, pp.466-474, 2021 (SCI-Expanded)
12. **Autoimmune haemolytic anaemia and thrombocytopaenia in a single-centre cohort of patients with systemic lupus erythematosus from Turkey: clinical associations and effect on disease damage and survival**  
Artim-Esen B., ÇENE E., Sahinkaya Y., Erdugan M., Oguz E., Gül A., Ocal L., Inanc M.  
LUPUS, vol.28, no.12, pp.1480-1487, 2019 (SCI-Expanded)
13. **Cone-beam computed tomographic evaluation of accessory mental foramen in a Turkish population**  
Aytugur E., Ozeren C., Lacin N., Veli I., ÇENE E.  
ANATOMICAL SCIENCE INTERNATIONAL, vol.94, no.3, pp.257-265, 2019 (SCI-Expanded)
14. **Are Bismuth Shields Useful in Dentomaxillofacial Radiology Practice for the Protection of Eyes and Thyroid Glands from Ionizing Radiation?**  
Aytugur E., Kose T. E., Gumru B., Aytugur T. B., YAŞAR D., ÇENE E., MİHMANLI A.  
IRANIAN JOURNAL OF RADIOLOGY, vol.15, no.3, 2018 (SCI-Expanded)
15. **What is the difference between a winning and a losing team: insights from Euroleague basketball**  
ÇENE E.  
INTERNATIONAL JOURNAL OF PERFORMANCE ANALYSIS IN SPORT, vol.18, no.1, pp.55-68, 2018 (SCI-Expanded)
16. **Comparison of Disease Characteristics, Organ Damage, and Survival in Patients with Juvenile-onset and Adult-onset Systemic Lupus Erythematosus in a Combined Cohort from 2 Tertiary Centers in Turkey**  
ARTIM-ESEN B., SAHIN S., ÇENE E., SAHINKAYA Y., BARUT K., ADROVIC A., OZLUK Y., KILICASLAN I., OMMA A., GUL A., et al.  
JOURNAL OF RHEUMATOLOGY, vol.44, no.5, pp.619-625, 2017 (SCI-Expanded)
17. **Assessment of the trabecular structure of mandibular condyles in patients with temporomandibular disorders using fractal analysis**  
Arsan B., Kose T. E., ÇENE E., Ozcan I.  
ORAL SURGERY ORAL MEDICINE ORAL PATHOLOGY ORAL RADIOLOGY, vol.123, no.3, pp.382-391, 2017 (SCI-Expanded)
18. **In Vitro Evaluation of Manual Torque Values Applied to Implant-Abutment Complex by Different**

### **Clinicians and Abutment Screw Loosening**

KOSE O. D., Karatasli B., DEMIRCAN S., Kose T. E., ÇENE E., Aya S. A., Erdem M. A., Cankaya A. B.  
BIOMED RESEARCH INTERNATIONAL, 2017 (SCI-Expanded)

19. **The Accuracy of New and Aged Mechanical Torque Devices Employed in Five Dental Implant Systems**  
Erdem M. A., Karatasli B., KOSE O. D., KOSE T. E., ÇENE E., Aya S. A., Cankaya A. B.  
BIOMED RESEARCH INTERNATIONAL, 2017 (SCI-Expanded)
20. **GENERALISATION OF MOOD'S TEST TO FACTORIAL DESIGNS TO DETECT HETEROGENEITY OF VARIANCES**  
KARAMAN F., ÇENE E.  
AUSTRALIAN & NEW ZEALAND JOURNAL OF STATISTICS, vol.57, no.4, pp.535-544, 2015 (SCI-Expanded)
21. **Analysing organic food buyers' perceptions with Bayesian networks: a case study in Turkey**  
Çene E., Karaman F.  
JOURNAL OF APPLIED STATISTICS, vol.42, pp.1572-1590, 2015 (SCI-Expanded)
22. **Dandelion plot: a method for the visualization of R-mode exploratory factor analyses**  
Manukyan A., ÇENE E., Sedef A., DEMİR İ.  
COMPUTATIONAL STATISTICS, vol.29, no.6, pp.1769-1791, 2014 (SCI-Expanded)
23. **A Differential Calculus on the (h, j)-Deformed Z(3)-Graded Superplane**  
Çelik S., Çelik S., Çene E.  
ADVANCES IN APPLIED CLIFFORD ALGEBRAS, vol.24, no.3, pp.643-659, 2014 (SCI-Expanded)
24. **Cluster Analysis of Autoantibodies in 852 Patients with Systemic Lupus Erythematosus from a Single Center**  
Artim-Esen B., ÇENE E., Sahinkaya Y., Ertan S., Pehlivan O., Kamali S., Gül A., Ocal L., Aral O., Inanc M.  
JOURNAL OF RHEUMATOLOGY, vol.41, no.7, pp.1304-1310, 2014 (SCI-Expanded)
25. **Comparison of Learning Strategies for Mathematics Achievement in Turkey with Eight Countries**  
KILIC S., Çene E., Demir İ.  
KURAM VE UYGULAMADA EGITIM BILIMLERI, vol.12, no.4, pp.2594-2598, 2012 (SSCI)

### **Articles Published in Other Journals**

1. **Retrospective radiological analysis of cemento-osseous dysplasia**  
GÜNAÇAR D. N., KÖSE T. E., Arıcıoğlu B., ÇENE E.  
Dental and Medical Problems, vol.60, no.3, pp.393-400, 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. **Determinants of Foreign Direct Investment: A Bayesian Model Averaging Approach From 55 Countries**  
Çene E., Karaman F.  
Istanbul Ticaret Üniversitesi Sosyal Bilimler Dergisi, vol.22, no.46, pp.135-158, 2023 (Peer-Reviewed Journal)
4. **Retrospective Assessment of the Anatomy and Dimensions of Nasopalatine Canal with Cone-Beam Computed Tomography**  
Özeren Keşkek C., Aytuğar E., Çene E.  
Journal of Oral & Maxillofacial Research, vol.13, no.2, pp.1-11, 2022 (Peer-Reviewed Journal)
5. **PREDICTING EUROLEAGUE BASKETBALL MATCH OUTCOMES WITH MACHINE LEARNING TECHNIQUES AND REVEALING THE MOST IMPORTANT GAME RELATED VARIABLES**  
ÇENE E.  
Spor ve Performans Araştırmaları Dergisi, vol.13, no.1, pp.31-54, 2022 (Peer-Reviewed Journal)
6. **A COMPARISON OF TWO DIFFERENT DENTAL AGE ESTIMATION METHODS IN TURKISH CHILDREN**  
KASIMOĞLU Y., BEKTAŞ İ., ÇİL T., ÇENE E., TUNA İNCE E. B., ÖZCAN İ.  
Kocaeli Üniversitesi Sağlık Bilimleri Dergisi, vol.7, no.2, pp.190-197, 2021 (Peer-Reviewed Journal)

7. **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)
8. **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)
9. **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)
10. **Evulation of Medical Records of a Patient Group Admitted to the Dental Clinic of a Universty Hospital**  
ALTAN G., KÖSE T. E., ÇENE E., ÖZCAN İ.  
Türkiye Klinikleri Dış Hekimliği Bilimleri Dergisi, vol.23, no.2, pp.69-74, 2017 (Peer-Reviewed Journal)
11. **The Occurrence Frequency of Hepatitis B, Hepatitis C and HIV in Patients Applying to İstanbul University Faculty of Dentistry**  
Köse T. E., Çakır Karabaş H., Demirtaş N., Çene E., Erdem T. L.  
TÜRKİYE KLİNİKLERİ Dİİ HEKİMLİĞİ BİLİMLERİ DERGİSİ, vol.20, no.1, pp.20-23, 2014 (Peer-Reviewed Journal)
12. **ANALYSIS OF TURKEY'S DOMESTIC DEBT STOCK INCREMENT WITH RR AND PCR**  
Demir İ., Altunel G., Çene E.  
Mathematical Sciences And Applications E-Notes, vol.1, no.2, pp.123-135, 2013 (Peer-Reviewed Journal)
13. **Motives of buying organic products and habits of organic buyers in Turkey**  
Çene E., Karaman F., Çalışkan Çavdar Ş.  
Journal of Food Agriculture & Environment, vol.11, pp.539-548, 2013 (Peer-Reviewed Journal)
14. **Investigating leverage effect on Turkish stock market with ARCH models within two sub-groups**  
DEMİR İ., ÇENE E.  
İstanbul Üniversitesi İşletme Fakültesi Dergisi, vol.41, no.2, pp.214-226, 2012 (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. Coğun, Zeynep Karacagil, Editor, Bilgin Kültür Sanat Yayınları, Ankara, pp.272-280, 2023
4. **Probability Distributions**  
Çene E.  
in: Applied Statistics in R, Demir İ., Editor, Papatya Yayıncılık, İstanbul, pp.151-196, 2017
5. **Data Visualisation**  
Çene E.  
in: Applied Statistics with R, Demir İ., Editor, Papatya Yayıncılık, İstanbul, pp.107-150, 2017
6. **Descriptive (Summary) Statistics**  
Çene E.

## Refereed Congress / Symposium Publications in Proceedings

1. **Detecting the Anomalies on Website Session Counts with Machine Learning Algorithms**  
Alver F., Çene E.  
7th International Researchers, Statisticians, and Young Statisticians Congress , İstanbul, Turkey, 2 - 05 November 2023, pp.54
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. **Constructing A Movie Recommendation System With Content Based And Collaborative Filtering Methods**  
Aykan M., Çene E.  
6th International Researchers, Statisticians and Young Statisticians Congress (IRSYSC2022), Antalya, Turkey, 3 - 06 November 2022, pp.33
5. **Analysis of Customer Feedback Replied to The Turkish Airlines Support Account via Twitter with Natural Language Processing Methods**  
Kurtuluş T., Çene E.  
5th International Conference on Data Science and Applications (ICONDATA'22), Muğla, Turkey, 7 - 11 September 2022, pp.8
6. **Order Statistics Based Training and Scoring Algorithms for Deep Outlier Detection**  
Balcıoğlu A. Z., Çene E.  
8th International Conference on Advances in Statistics (ICAS 2022), 16 - 18 May 2022, pp.15
7. **Is Performance Everything On The Market Value Of Football Players? A Machine Learning Approach**  
Bayar H. E., Çene E.  
International Congress on Scientific Advances (CONSAD'21), 21 December 2021, pp.981-983
8. **Can Machine Learning Methods Prevent Injury Using External And Internal Training Load Parameters?**  
Akyıldız Z., Çene E., Rossi A., Şentürk D., Altundağ E., Akarçeşme C.  
19. Uluslararası Spor Bilimleri Kongresi, Antalya, Turkey, 11 - 14 November 2021
9. **Determinants of Foreign Direct Investment: A Bayesian Model Averaging Approach From 55 Countries**  
Çene E., Karaman F.  
ICONDATA 2021, 4 - 06 June 2021, pp.200-212
10. **CLUSTER ANALYSIS AND COMPARISON OF CUMULATIVE DAMAGE BY DIAPS IN A SINGLE CENTER COHORT OF APS PATIENTS**  
Uludağ Ö., Gürel E., Çetin C., Çene E., Yalçınkaya Y., Gül A., İnanç M., Artım Esen B.  
EULAR European Congress of Rheumatology, 2 - 05 June 2021, vol.80, pp.636-637
11. **TEXT CLASSIFICATION ON TURKISH NEWS USING DEEP LEARNING**  
Doğan S., Çene E.  
7th International Congress on Fundamental and Applied Sciences 2020 (ICFAS2020) , Priştine, Kosovo, 06 October 2020, pp.57
12. **P9 Validation of the adjusted global antiphospholipid syndrome score and correlation with extra-criteria manifestations**  
Uludağ Ö., Bektaş M., Çene E., Şahinkaya Y., Gül A., Öcal L., İnanç M., Artım Esen B.

12th European Lupus Meeting, 01 March 2020, vol.7, pp.33

13. **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
14. **Evaluation of Accessory Mental Foramen Using Cone-Beam Computed Tomography**  
ÖZEREN C., AYTUĞAR E., ÇENE E.  
Türk Dişhekimleri Birliği, 24. Uluslararası Dişhekimliği Kongresi, Ankara, Turkey, 27 - 30 September 2018, vol.24, pp.197
15. **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
16. **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
17. **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
18. **Investigating Determinants of Foreign Direct Investment with Bayesian Model Averaging**  
Çene E., Karaman F.  
4th International Researchers, Statisticians and Young Statisticians Congress, İzmir, Turkey, 28 - 30 April 2018
19. **Are bismuth shields useful in dentomaxillofacial radiology practice for the protection of eyes and thyroid glands from ionizing radiation?**  
Aytuğar E., Köse T. E., Gümrü Tarçın B., Biçer Aytuğar T., Yaşar D., Çene E., Mihmanlı A.  
Oral Diagnosis and Maxillofacial Radiology Society 2nd International Congress 7th Scientific Meeting, Eskişehir, Turkey, 13 - 15 April 2017, pp.33
20. **Determinants of FDI Evidence from panel regression analysis**  
Çene E., Karaman F.  
9. Uluslararası İstatistik Kongresi, Antalya, Turkey, 28 October - 01 November 2015, pp.154-155
21. **What determines mathematics achievement: A bayesian network approach**  
Çene E., Aydoğdu S.  
9th International Statistics Congress, Antalya, Turkey, 28 October - 01 November 2015, pp.13-14
22. **BAYESIAN MULTINOMIAL LOGISTIC REGRESSION MODEL OF ORGANIC FOOD BUYERS DATA**  
Karaman F., Çene E.  
15. Uluslararası Ekonometri, Yöneylem Araştırması ve İstatistik Sempozyumu, Isparta, Turkey, 22 - 24 May 2014, pp.394-404
23. **Comparing Turkey's Domestic Debt Stock Increment with Linear Regression, Ridge Regression and Principle Component Regression**  
Demir İ., Altunel G., Çene E.  
1st International Eurasian Conference On Mathematical Sciences and Applications, Priştine, Kosova, 3 - 07 September 2012, pp.301-302
24. **An Essay on Visual Evaluation of Different Factor Analysis Methods Course Perceptions of Students in Turkey**  
Çene E., Manukyan A.  
13th INTERNATIONAL CONFERENCE ON ECONOMETRICS, OPERATIONS RESEARCH AND STATISTICS, Gazimagusa, Cyprus (Kktc), 24 - 26 May 2012, pp.208
25. **Analysis of the Change in Turkey's Domestic Debt Stock with Ridge Regression**  
Demir İ., Altunel G., Çene E.  
13th International Conference on Econometrics, Operations Research and Statistics, Gazimagusa, Cyprus (Kktc), 24 - 26 May 2012, pp.327
26. **Cluster Analysis of Autoantibodies in 852 Patients with Systemic Lupus Erythematosus From a Single**

**Center: Four Main Clusters with Prognostic Implications.**

ÇENE E., Şahinkaya Y., Ertan S., Pehlivan Ö., Kamalı S., Gul A., Ocal L., Aral O., Inanc M.

Arthritis & Rheumatism, 2011 Annual Scientific Meeting, 01 November 2011

**27. Comparison of Learning Strategies for Mathematics Achievement between Turkey and Its Neighbours**

Kılıç Depren S., Çene E., Demir İ.

12th International Econometrics, Operation Research and Statistics Symposium, Denizli, Turkey, 26 - 29 May 2011, pp.402-408

**28. STATISTICAL ANALYSIS OF THE EFFECTS OF CRISES ON PRODUCTIVITY IN THE BANKING SECTOR**

Çene E., Büyüklü A. H.

12th INTERNATIONAL SYMPOSIUM ON ECONOMETRICS STATISTICS AND OPERATIONS RESEARCH, Denizli, Turkey, 26 - 28 May 2011, pp.110-114

**Academic and Administrative Experience**

2022 - Continues	<b>Erasmus Program Institutional Coordinator</b>	Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics
2019 - Continues	<b>FEDEK Komisyonu Üyesi</b>	Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics
2012 - 2022	<b>ERASMUS Komisyon Üyesi</b>	Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics
2019 - 2021	<b>Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi</b>	Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics
2019 - 2021	<b>YATAY GEÇİŞ ÇİFT ANADAL DEĞ. KOMİSYONU</b>	Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics
2019 - 2021	<b>Akademik ve Kültürel Etkinlikler Komisyonu (Fakülte)</b>	Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics
2019 - 2021	<b>Deputy Director of the Center</b>	Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics
2014 - 2016	<b>Ders Dışı Öğrenci Koordinasyon Kurulu Fakülte Temsilcisi</b>	Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics
2011 - 2012	<b>Rektörlük Kupası Futbol, Basketbol, Voleybol ve Masa Tenisi Fen-Edebiyat Fakültesi Sorumlusu</b>	Yildiz Technical University, Faculty Of Arts & Science, Department Of Statistics



## Courses

Applied Statistics, Undergraduate, 2022 - 2023, 2020 - 2021, 2019 - 2020  
Veri Tabanı, Undergraduate, 2022 - 2023  
Data Manipulation and Data Visualisation, Postgraduate, 2022 - 2023, 2020 - 2021  
R ile İstatistik Uygulamaları, Undergraduate, 2022 - 2023  
Introductory Computer Sciences, Undergraduate, 2022 - 2023, 2020 - 2021, 2019 - 2020  
DATA ANALYSIS IN SOCIAL SCIENCES 2, Undergraduate, 2022 - 2023  
Introduction to Basic Medicine Sciences II (Statistics Part), Undergraduate, 2022 - 2023, 2020 - 2021, 2019 - 2020  
WEB Programming, Undergraduate, 2022 - 2023, 2020 - 2021, 2019 - 2020  
Statistics, Undergraduate, 2022 - 2023, 2020 - 2021, 2019 - 2020  
Örnekleme 1, Undergraduate, 2022 - 2023  
Örnekleme 2, Undergraduate, 2021 - 2022  
Word and Excel Techniques for Scientific Research, Undergraduate, 2020 - 2021, 2019 - 2020  
Numerical Analysis, Undergraduate, 2020 - 2021, 2019 - 2020  
Introduction to Data Science for Industrial Engineers, Undergraduate, 2020 - 2021  
Statistics 1, Undergraduate, 2020 - 2021, 2019 - 2020  
Statistics 2, Undergraduate, 2019 - 2020  
Data Science for Industrial and System Engineers, Undergraduate, 2019 - 2020  
Applied Generalised Linear Models 1, Doctorate, 2019 - 2020  
Statistics, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019

## Advising Theses

Çene E., CALCULATION OF WATER QUALITY WITH MACHINE LEARNING ALGORITHMS, Doctorate, M.Yalçın(Student), Continues  
Çene E., Deep Learning Networks for Stock Market Analysis, Postgraduate, M.Ergurum(Student), Continues  
Çene E., Derin Öğrenme ile Resim ve Videolarda Nesnelerin Tanınması, Postgraduate, M.Eren(Student), Continues  
Çene E., Calculating Similarities of Football Players with Statistical Approaches, Doctorate, H.EKREM(Student), Continues  
Çene E., Detecting the anomalies on website session counts with machine learning algorithms, Postgraduate, F.ALVER(Student), Continues  
Çene E., Investigation of Player Metrics in Basketball with Machine Learning, Postgraduate, E.Çıragöz(Student), Continues  
Çene E., Named Entity Recognition Using NLP, Postgraduate, E.Ligen(Student), Continues  
Çene E., Analysis of Customer Feedback Replied to an Airlines Support Account via Twitter with Natural Language Processing Methods, Postgraduate, T.KURTULUŞ(Student), 2023  
Çene E., Constructing a Recommendation System and Sentiment Analysis Based on Movie Reviews, Postgraduate, M.AYKAN(Student), 2023  
Çene E., Order Statistics Based Training and Scoring Algorithms for Deep Outlier Detection, Postgraduate, A.Zahid(Student), 2022  
Çene E., THE IMPORTANCE OF PERFORMANCE OF FOOTBALL PLAYERS ON MARKET VALUE: A MACHINE LEARNING APPROACH, Postgraduate, H.EKREM(Student), 2022

## Scientific Refereeing

INTERNATIONAL JOURNAL OF PERFORMANCE ANALYSIS IN SPORT, SCI Journal, November 2021  
Journal of Engineering Technology and Applied Sciences, Other Indexed Journal, December 2017  
Journal of Engineering Technology and Applied Sciences, Other Indexed Journal, September 2017  
International Journal of Business and Finance Management Research, Other Indexed Journal, August 2017  
World Journal of Economic and Finance, Other Indexed Journal, August 2017

Journal of Engineering Technology and Applied Sciences, Other Indexed Journal, June 2017

Yönetim ve Ekonomi Araştırmaları Dergisi (YEAD) - Journal of Management and Economics Research, Other Indexed Journal, May 2017

Journal of Agricultural Science and Technology, SCI Journal, March 2017

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Discrete Dynamics in Nature and Society, SCI Journal, February 2016

Journal of Applied Statistics, SCI Journal, March 2015

## **Metrics**

Publication: 74

Citation (WoS): 280

Citation (Scopus): 282

H-Index (WoS): 9

H-Index (Scopus): 9

## **Research Areas**

Computer Science, Statistics, Statistics, Statistical Analysis and Applications, Natural Sciences