

Prof. Pelin Kasap

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAM-7529-2021

ScopusID: 54581049600

Yoksis Researcher ID: 13819

Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, İstatistik (Dr), Turkey 2006 - 2011

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, İstatistik (YI) (Tezli), Turkey 2002 - 2005

Undergraduate, Ondokuz Mayıs University, Fen-Edebiyat Fakültesi, İstatistik Bölümü, Turkey 1997 - 2001

Dissertations

Doctorate, Stokastik ANCOVA: İstatistiksel sonuç çıkarımı, Ankara University, Fen Bilimleri Enstitüsü, İstatistik (Dr), 2011

Postgraduate, Hayat sigortasında varyans bileşenlerinin minimum norm tahmini, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, İstatistik (YI) (Tezli), 2005

Research Areas

Health Sciences, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2017 - Continues

Assistant Professor, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2012 - 2017

Research Assistant PhD, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2011 - 2012

Research Assistant, Ankara University, Fen Fakültesi, İstatistik Bölümü, 2006 - 2011

Research Assistant, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2002 - 2006

Academic and Administrative Experience

Member of Department FEDEK Commission, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2019 - Continues

Bölüm Kalite Komisyonu Üyesi, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2019 - Continues

Deputy Head of Department, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2018 - Continues

Farabi Program Department Coordinator, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2013 - Continues

Lisans öğrenci danışmanlığı, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2012 - Continues
Member of ADEK Commission, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2014 - 2018
Lisans öğrenci danışmanlığı, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, 2002 - 2006

Courses

Biyoistatistik, Undergraduate, 2021 - 2022, 2020 - 2021, 2012 - 2013
Olasılık ve İstatistik, Undergraduate, 2021 - 2022, 2020 - 2021, 2017 - 2018, 2016 - 2017, 2015 - 2016
İstatistik Teorisi, Undergraduate, 2021 - 2022, 2020 - 2021, 2017 - 2018
Varyans Çözümlemesi, Postgraduate, 2021 - 2022, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2012 - 2013
İstatistik Deney Tasarımı 1, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2013 - 2014
Bilimsel Araştırma Yöntemleri ve Etik, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
MATEMATİKSEL İSTATİSTİK, Doctorate, 2019 - 2020
KOVARYANS ANALİZİ, Postgraduate, 2019 - 2020, 2018 - 2019, 2016 - 2017
İSTATİSTİK BİLGİ SİSTEMLERİ 1, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
Sıra İstatistikleri, Undergraduate, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2013 - 2014
İLERİ İSTATİSTİKSEL ÇIKARIM, Doctorate, 2017 - 2018, 2015 - 2016
MESLEKİ YABANCI DİL II, Undergraduate, 2016 - 2017, 2015 - 2016, 2013 - 2014
İSTATİSTİK BİLGİ SİSTEMLERİ 2, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
İSTATİSTİKİ DENEY TASARIMI 2, Undergraduate, 2015 - 2016, 2012 - 2013
MESLEKİ YABANCI DİL I, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014
İSTATİSTİK TEORİSİ I, Postgraduate, 2015 - 2016
İSTATİSTİK KARAR TEORİSİ, Undergraduate, 2014 - 2015, 2013 - 2014
EKONOMETRİK YÖNTEMLER, Postgraduate, 2014 - 2015
İSTATİSTİK TEORİSİ II, Postgraduate, 2014 - 2015
İSTATİSTİK TEORİSİ 1, Postgraduate, 2014 - 2015, 2013 - 2014
OLASILIK VE İSTATİSTİĞE GİRİŞ, Undergraduate, 2014 - 2015
MEKANSAL İSTATİSTİK, Undergraduate, 2014 - 2015
İSTATİSTİK DENEY TASARIMI 2, Undergraduate, 2014 - 2015, 2013 - 2014
Hipotez Testleri, Doctorate, 2013 - 2014

Jury Memberships

Post Graduate, Post Graduate, Akdeniz Üniversitesi, June, 2022
Post Graduate, Post Graduate, Akdeniz Üniversitesi, May, 2022
Post Graduate, Post Graduate, Akdeniz Üniversitesi, June, 2021
Post Graduate, Post Graduate, Ondokuz Mayıs Üniversitesi, June, 2021
Post Graduate, Post Graduate, Akdeniz Üniversitesi, June, 2021
Doctoral Examination, Doctoral Examination, Ondokuz Mayıs Üniversitesi, December, 2020
Doctoral Examination, Doctoral Examination, Ondokuz Mayıs Üniversitesi, December, 2020
Post Graduate, Post Graduate, Ondokuz Mayıs Üniversitesi, July, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ondokuz Mayıs Üniversitesi, May, 2019
Doctoral Examination, Doctoral Examination, Ondokuz Mayıs Üniversitesi, May, 2019
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ondokuz Mayıs Üniversitesi, March, 2019

Post Graduate, Post Graduate, Ondokuz Mayıs Üniversitesi, January, 2016

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, July, 2014

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ondokuz Mayıs Üniversitesi, February, 2014

Post Graduate, Post Graduate, Ondokuz Mayıs Üniversitesi, February, 2014

Post Graduate, Post Graduate, Ondokuz Mayıs Üniversitesi, June, 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The comparison of machine learning classification algorithms used to diagnose liver cirrhosis disease and a brief review**
Güneş O. M., KASAP P., Çorba Zorlu B. Ş.
Concurrency and Computation: Practice and Experience, vol.35, no.8, 2023 (SCI-Expanded)
- II. **Evaluation of the Ponticulus Posticus with Cone-beam Computed Tomography in a Turkish Population**
Erdem S., Gündüz K., KASAP P.
Journal of the Anatomical Society of India, vol.72, no.2, pp.140-144, 2023 (SCI-Expanded)
- III. **Investigation the anterior mandibular lingual concavity by using cone-beam computed tomography**
Çitir M., Gündüz K., KASAP P.
Folia Morphologica (Poland), vol.80, no.4, pp.916-922, 2021 (SCI-Expanded)
- IV. **The radiological evaluation of posterior superior alveolar artery by using cbct**
Karslioglu H., Çitir M., Gunduz K., KASAP P.
Current Medical Imaging, vol.17, no.3, pp.384-389, 2021 (SCI-Expanded)
- V. **Stochastic analysis of covariance when the error distribution is long-tailed symmetric**
KASAP P., ŞENOĞLU B., ARSLAN O.
JOURNAL OF APPLIED STATISTICS, vol.43, no.11, pp.1977-1997, 2016 (SCI-Expanded)
- VI. **A retrospective evaluation of traumatic dental injury in children who applied to the dental hospital, Turkey**
Sari M. E., Ozmen B., Koyuturk A. E., Tokay U., KASAP P., Guler D.
NIGERIAN JOURNAL OF CLINICAL PRACTICE, vol.17, no.5, pp.644-648, 2014 (SCI-Expanded)
- VII. **ROBUST ESTIMATION WITH THE SKEW $t(2)$ DISTRIBUTION**
Acitas S., KASAP P., ŞENOĞLU B., ARSLAN O.
PAKISTAN JOURNAL OF STATISTICS, vol.29, no.4, pp.409-430, 2013 (SCI-Expanded)
- VIII. **Robust estimation with the skew t_2 distribution**
Acitaş Ş., KASAP P., ŞENOĞLU B., ARSLAN O.
Pakistan Journal of Statistics, vol.29, no.4, pp.409-430, 2013 (SCI-Expanded)
- IX. **One-step M-estimators: Jones and Faddy's skewed t -distribution**
ACITAŞ Ş., KASAP P., ŞENOĞLU B., ARSLAN O.
JOURNAL OF APPLIED STATISTICS, vol.40, no.7, pp.1545-1560, 2013 (SCI-Expanded)
- X. **ROBUST 2(k) FACTORIAL DESIGNS: NON-NORMAL SYMMETRIC DISTRIBUTIONS**
ŞENOĞLU B., ACITAŞ Ş., KASAP P.
PAKISTAN JOURNAL OF STATISTICS, vol.28, no.1, pp.93-114, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **Maximum Likelihood Estimation for the Log-Logistic Distribution Using Whale Optimization Algorithm with Applications**
FAOURI A., Kasap P.
Black Sea Journal of Engineering and Science, vol.6, no.4, pp.639-647, 2023 (Peer-Reviewed Journal)

- II. **Rüzgâr Enerji Santrali Değerlemesinde Geleneksel Değerleme Yöntemi ile Monte Carlo Simülasyonu'nun Karşılaştırılması**
BIYIKLI D., SESLİ F. A., KASAP P.
Karadeniz Fen Bilimleri Dergisi, vol.12, no.2, pp.995-1016, 2022 (Peer-Reviewed Journal)
- III. **Using Real Options in Wind Power Plant Evaluation**
BIYIKLI D., SESLİ F. A., KASAP P.
Black Sea Journal of Engineering and Science, vol.5, no.4, pp.166-173, 2022 (Peer-Reviewed Journal)
- IV. **Evaluation of the Appearance, Location and Morphology of Lingual Foramens in Dentates and Edentulous Mandibles Using CBCT**
Citir M., Karslioglu H., Sumer A. P., KASAP P.
MEANDROS MEDICAL AND DENTAL JOURNAL, vol.23, no.2, pp.148-154, 2022 (ESCI)
- V. **Veri zarflama analizi ile sağlık alanında bir performans değerlendirmesi**
KASAP P., Güç F.
Gümüşhane Üniversitesi Fen Bilimleri Dergisi, vol.12, no.1, pp.327-343, 2022 (Peer-Reviewed Journal)
- VI. **Classification of Factors Affecting Renal Failure by Machine Learning Methods**
Çorba B. Ş., Kasap P.
Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.36, no.1, pp.88-101, 2020 (Peer-Reviewed Journal)
- VII. **Comparison of Artificial Neural Networks Decision Trees Methods on Health Insurance Data**
KASAP P., ÇORBA B. Ş., ÇELEBİ T.
IJSRD-International Journal for Scientific Research Development, vol.6, no.10, pp.252-257, 2018 (Peer-Reviewed Journal)
- VIII. **Wind Speed And Directionforecastingusing Artificial NeuralNetworks And Autoregressive Integrated Moving AverageMethods**
Çorba B. Ş., Kasap P.
American Journal of Engineering Research, vol.11, no.7, pp.240-250, 2018 (Peer-Reviewed Journal)
- IX. **The Review of Attributes Influencing Housing Prices using Data Mining Methods**
Kasap P., Çorba B. Ş.
IJRP, vol.34, no.1, 2017 (Peer-Reviewed Journal)
- X. **A Study On The Simple Random Walk**
KASAP P., YÜCESOY E.
International Journal of Sciences:Basic and Applied Research, vol.34, no.3, pp.212-217, 2017 (Peer-Reviewed Journal)
- XI. **Analysis of the European Union Countries and Turkey in Terms of Criminal Tendencies**
KASAP P., ALKAN B. B.
International Journal of Sciences: Basic and Applied Research, vol.34, no.3, pp.13-21, 2017 (Peer-Reviewed Journal)
- XII. **On Some Characteristics of a Simple Random Walk**
YÜCESOY E., KASAP P.
International Journal of Sciences:Basic and Applied Research, vol.35, no.2, pp.142-146, 2017 (Peer-Reviewed Journal)
- XIII. **ESTIMATING THE LOCATION AND SCALE PARAMETERS OF THE GT DISTRIBUTION**
KASAP P., ŞENOĞLU B., ARSLAN O., ACITAŞ Ş.
New World Sciences Academy, vol.6, no.3, pp.103-111, 2011 (Peer-Reviewed Journal)
- XIV. **EVALUATION OF TURKEY S HYDROELECTRIC POTENTIAL BY USING STATISTICAL TECHNIQUES**
KASAP P., ERGÜL B., ALTIN YAVUZ A.
New World Sciences Academy, vol.6, no.3, pp.59-68, 2011 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Metin Madencilğine Giriş**

Karakaya M., KASAP P.

in: Fen Bilimleri ve Matematikte Uluslararası Araştırma ve Değerlendirmeler, İyidoğan Ayşegül, Öztürk Günay, Editor, Serüven Yayınevi, pp.29-42, 2023

II. Classical Optimization Techniques

Faouri A. O., KASAP P.

in: Science & Engineering Researches, Kılıçer Ali, Editor, Livre de Lyon, pp.301-323, 2023

Refereed Congress / Symposium Publications in Proceedings

- I. **Tamamlayıcı Sağlık Sigortasında Aktüeryal Prim Hesabı, 16-17 Aralık 2023, Ankara, Tam metin.**
Badatlı B., KASAP P.
18. UBAK Kongresi, Ankara, Turkey, 16 - 17 December 2023
- II. **Deney Tasarımında Yanıt Yüzey Yöntemleri ile Optimizasyon**
Çanakçıoğlu Tekin C., KASAP P.
RDCONF International Conference on Design Research Development, Turkey, 15 - 18 December 2021
- III. **Karar Ağacı Algoritmaları Kullanılarak Hepatik Ensefalopati Hastalığını Etkileyen Faktörlerin Sınıflandırılması**
Güneş O. M., Kasap P., Çorba B. Ş.
The 7th International Scientific Research Congress-Science and Engineering (UBAK), Ankara, Turkey, 13 - 14 March 2020, pp.133-145
- IV. **WEIBULL VE RAYLEIGH DAĞILIMLARI KULLANILARAK SAMSUN İLİNDE RÜZGAR HIZI TAHMİNİ**
Bulum Ö., KASAP P.
2. ULUSLARARASI İSTATİSTİK MATEMATİK VE ANALİTİK YÖNTEMLER KONGRESİ, İstanbul, Turkey, 28 March 2019, pp.239-245
- V. **CCR MODELİ İLE VERİ ZARFLAMA ANALİZİ VE BİR UYGULAMA**
KASAP P., Güç F.
2. ULUSLARARASI İSTATİSTİK MATEMATİK VE ANALİTİK YÖNTEMLER KONGRESİ, İstanbul, Turkey, 28 March 2019, pp.59-68
- VI. **DATA MINING METHODS AND THEIR APPLICATION IN HEALTH INSURANCE**
KASAP P., ÇORBA B. Ş., ÇELEBİ T.
International Conference on Computational and Statistical Methods in Applied Sciences, 9 - 11 November 2017
- VII. **Temel Bileşenler Analizinde Bazı Dayanıklı Kovaryans Matrisi Tahminleri ve Bir Uygulama**
KASAP P., ÇELEBİ T., ACITAŞ Ş.
X. International Statistics Days Conference, Giresun, Turkey, 7 - 09 October 2016, pp.724-733
- VIII. **Endüstriyel Atık ve Minerolojik Katkı ile Oluşturulmuş KompozitMalzemenin Eğilme Çekme Dayanım Değerlerinin Taguchi Deney Tasarımı Yöntemiyle Optimizasyonu**
KASAP P., MESCİ OKTAY B., KÜÇÜKMUSTAFA Z.
Xth INTERNATIONAL STATISTICS DAYS CONFERENCE, 7 - 09 October 2016, pp.382-392
- IX. **Taguchi Deney Tasarımı Yönteminin Yapı Endüstrisine Uygulanması**
Özdemir İ., KASAP P., MESCİ B., Aytül D.
9. Uluslararası İstatistik Kongresi, Antalya, Turkey, 28 October - 01 November 2015, pp.33-34
- X. **Finding Optimal Value for The Shrinkage Parameter in Ridge Regression via Genetic Algorithm**
USLU V. R., KASAP P.
the International Journal of Arts & Sciences' (IJAS) International Conference for Academic Disciplines, 6 - 10 April 2014
- XI. **Multiple one-way ANCOVA when the distributions of both the covariates and the error terms are non-normal**
Kasap P., Şenoğlu B.
Applied Statistics, International Conference, Ljubljana, Slovenia, 22 - 26 September 2013, pp.71
- XII. **Bir-yönlü ANCOVA modelinde parametrelerin dayanıklı tahmini**

Kasap P., Şenoğlu B., Arslan O.

13th International Conference on Econometrics, Operations Research and Statistics (ICEOS), Gazimagusa, Cyprus (Kktc), 24 - 26 May 2012, pp.75

XIII. An alternative initial estimate for the M-estimation of the location parameter

Acıtaş Ş., Kasap P., Şenoğlu B., Arslan O.

53rd Annual Conference of the South African Statistical Association (SASA), Pretoria, South Africa, 31 October - 04 November 2011, pp.19

XIV. One step M estimator for the location parameter of Jones and Faddy s Skewed t JFST distribution based on MML estimators

ACITAŞ Ş., KASAP P., ŞENOĞLU B., ARSLAN O.

The International Conference on Robust Statistics (ICORS 2011), Valladolid, Spain, 27 June - 01 July 2011, pp.31-32

Activities in Scientific Journals

Science Research Association (SCIREA) Journal of Mathematics, Committee Member, 2018 - Continues

International Journal of Statistics and Mathematics IJSM, Committee Member, 2016 - 2022

Science Journal of Applied Mathematics and Statistics (SJAMS), Committee Member, 2016 - 2020

International Journal of Scientific and Statistical Computing IJSSC, Committee Member, 2015 - 2020

International Journal of Statistical Distributions and Applications, (IJSDA), Committee Member, 2016 - 2017

Journal of Advance Research in Business, Management and Accounting, Committee Member, 2016 - 2017

Scientific Refereeing

MEDICAL AND BIOLOGICAL ENGINEERING AND COMPUTING, Journal Indexed in SCI-E, September 2022

CUMHURİYET SCIENCE JOURNAL, Other Indexed Journal, July 2022

DIGITAL SCHOLARSHIP IN THE HUMANITIES, Journal Indexed in SSCI, July 2022

Thailand Statistician, Journal Indexed in ESCI, June 2022

JOURNAL OF APPLIED MATHEMATICS STATISTICS AND INFORMATICS, Journal Indexed in ESCI, May 2022

Thailand Statistician, Journal Indexed in ESCI, October 2021

COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, Journal Indexed in ESCI, June 2021

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, Journal Indexed in ESCI, March 2021

Gazi Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Journal Indexed in ESCI, March 2021

COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, Journal Indexed in ESCI, January 2021

Yüzüncü Yıl Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Other Indexed Journal, December 2020

SAKARYA UNIVERSITY JOURNAL OF SCIENCE, Other Indexed Journal, March 2019

Erciyes Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Other Indexed Journal, August 2018

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, Journal Indexed in ESCI, February 2018

Anadolu Üniversitesi Bilim ve Teknoloji Dergisi :A-Uygulamalı Bilimler ve Mühendislik, Other Indexed Journal, December 2017

Statistics, Optimization and Information Computing, Other Indexed Journal, November 2016

JOURNAL OF APPLIED STATISTICS, Journal Indexed in SCI-E, July 2016

Scientific Consultations

Central Bank of Turkish Republic, Scientific Consultancy, Ondokuz Mayıs University, Fen Fakültesi, İstatistik Bölümü, Turkey, 2022 - Continues