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International Researcher IDs

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Education Information

Doctorate, Cukurova University, Fen Edebiyat /Fen Bilimleri/İstatistik, İstatistik, Turkey 1991 - 1995

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Yanlı Regresyon Tahmin Edicileri ve Hata Kareleri Ortalaması Kriterine Göre Karşılaştırmalar, Cukurova University, Fen Bilimleri, Matematik, 1995

Postgraduate, Matris Sıralamaları ve İstatistikteki Uygulamaları, Cukurova University, Fen Bilimleri, Matematik, 1991

Research Areas

Statistics, Statistical Analysis and Applications, Natural Sciences

Academic Titles / Tasks

Professor, Cukurova University, Fen Edebiyat Fakültesi/İstatistik Bölümü, İstatistik, 2006 - Continues

Associate Professor, Cukurova University, Fen Edebiyat Fakültesi, İstatistik, 2002 - 2006

Associate Professor, Cukurova University, Fen Edebiyat Fakültesi, Matematik, 2001 - 2002

Assistant Professor, Cukurova University, Fen Edebiyat Fakültesi, Matematik, 1995 - 2001

Research Assistant, Cukurova University, Fen Edebiyat Fakültesi, Matematik, 1989 - 1995

Academic and Administrative Experience

Cukurova University, 2015 - Continues

Cukurova University, 2003 - 2018
Cukurova University, 2013 - 2016
Cukurova University, 2008 - 2014
Cukurova University, 2008 - 2011
Cukurova University, 2005 - 2008
Cukurova University, 2003 - 2007

Advising Theses

KAÇIRANLAR S., Lineer Regresyon Modelinde Ağırlıklı Tahmin Ediciler, Postgraduate, D.Karapınar(Student), 2017
KAÇIRANLAR S., Tahmin Edicilere bayesyen yaklaşım ve karşılaştırmalar, Doctorate, N.Özbay(Student), 2017
KAÇIRANLAR S., Predictions in Linear Models, Doctorate, I.Dawoud(Student), 2016
KAÇIRANLAR S., Improved Estimators in the Simultaneous Equations Model, Doctorate, S.Toker(Student), 2015
KAÇIRANLAR S., DAYANIKLI YANLI TAHMİN EDİCİLER, Doctorate, H.Ertaş(Student), 2015
KAÇIRANLAR S., Gecikmesi Dağıtılmış Modellerde Yanlı Tahmin Ediciler, Doctorate, B.Gültay(Student), 2014
KAÇIRANLAR S., Lineer Regresyon Modelinde Bayes Tahmin Ediciler, Postgraduate, N.Türker(Student), 2013
KAÇIRANLAR S., Çoklu iç ilişki olması durumunda lineer regresyon modellerinin kullanımı ile kestirim ve öngörü, Doctorate, F.Özbey(Student), 2012
KAÇIRANLAR S., Yanlı Tahmin Ediciler ve Ekonometride Uygulamaları, Doctorate, H.Güler(Student), 2011
KAÇIRANLAR S., Karma Regresyon Tahmin edicileri, Postgraduate, D.Özonur(Student), 2011
KAÇIRANLAR S., Ridge regression estimator and related estimators, Postgraduate, S.Toker(Student), 2011
KAÇIRANLAR S., Regresyon analizinde aykırı değerlerin incelenmesi, Postgraduate, H.Ertaş(Student), 2011
KAÇIRANLAR S., Çoklu İç İlişki ve Ekolojik Regresyon, Postgraduate, B.Gültay(Student), 2009
KAÇIRANLAR S., Çoklu İç İlişki İle İlgili Problemler, Doctorate, M.Revan(Student), 2007
KAÇIRANLAR S., Kısıtlı Tahmin Edicilerin İncelenmesi, Postgraduate, Ö.Boğa(Student), 2006
KAÇIRANLAR S., İstatistiksel Kalite Kontrol Yöntemleri ve Uygulamalar, Postgraduate, M.Revan(Student), 2004
KAÇIRANLAR S., Matematiksel Programlamanın İstatistikte Uygulamaları, Postgraduate, H.Tosun(Student), 2002
KAÇIRANLAR S., Regresyon Tahmin Edicileri ve Karşılaştırma Kriterleri, Postgraduate, S.Akgüneş(Student), 2001

Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Yardımcı doçentlik atanma raporu, Çanakkale Onsekiz Mart Üniversitesi, October, 2017
Appointment to Academic Staff-Assistant Professorship, Yrd.Doç. atama jüri üyesi, Yrd.Doç. atama jüri üyesi, August, 2017
Associate Professor Exam, Doçentlik eser inceleme, Doçentlik eser inceleme, April, 2017
Associate Professor Exam, Doçentlik eser inceleme, Doçentlik eser inceleme, April, 2017
Associate Professor Exam, Eser inceleme, Doçentlik eser inceleme, April, 2017
Associate Professor Exam, Doçentlik eser inceleme, Doçentlik eser inceleme, April, 2016
Appointment to Academic Staff-Assistant Professorship, Profesörlük atama jüri üyesi, Profesörlük atama jüri üyesi, June, 2015
Associate Professor Exam, Doçentlik eser inceleme, Doçentlik eser inceleme, January, 2015
Associate Professor Exam, Doçentlik eser inceleme, Doçentlik eser inceleme, January, 2015
Associate Professor Exam, Doçentlik eser inceleme, Doçentlik eser inceleme, January, 2015
Appointment to Academic Staff-Assistant Professorship, Profesörlük atama jüri üyesi, Profesörlük atama jüri üyesi, August, 2014
Appointment to Academic Staff-Assistant Professorship, Profesörlük atama jüri üyesi, Profesörlük atama jüri üyesi, August, 2014
Associate Professor Exam, Doçentlik eser inceleme, Doçentlik eser inceleme, April, 2014

Associate Professor Exam, Doçentlik eser inceleme, Doçentlik eser inceleme, April, 2014
Associate Professor Exam, Doçentlik eser inceleme, Doçentlik eser inceleme, April, 2014
Appointment to Academic Staff-Assistant Professorship, Doç. atama jüri üyesi, Doç. atama jüri üyesi, August, 2013
Appointment to Academic Staff-Assistant Professorship, Doç. atama jüri üyesi, Doç. atama jüri üyesi, April, 2013
Appointment to Academic Staff-Assistant Professorship, Yrd.Doç. atama jüri üyesi, Doç. atama jüri üyesi, December, 2012
Appointment to Academic Staff-Assistant Professorship, Doç. atama jüri üyesi, Doç. atama jüri üyesi, December, 2012
Appointment to Academic Staff-Assistant Professorship, Yrd.Doç. atama jüri üyesi, Yrd.Doç. atama jüri üyesi, November, 2012
Associate Professor Exam, Doçentlik eser inceleme, Doçentlik eser inceleme, July, 2012
Associate Professor Exam, Doçentlik eser inceleme, Doçentlik eser inceleme, July, 2012
Associate Professor Exam, Doçentlik eser inceleme, Doçentlik eser inceleme, July, 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A note on Farebrother's estimator: a comparative study**
KAÇIRANLAR S., Mirezi B., GÜLER H.
Communications in Statistics: Simulation and Computation, 2024 (SCI-Expanded)
- II. **Admissible linear estimators in the general Gauss-Markov model under generalized extended balanced loss function**
Mirezi B., Kaciranlar S.
STATISTICAL PAPERS, vol.64, no.1, pp.73-92, 2023 (SCI-Expanded)
- III. **Comparison of Liu and two parameter principal component estimator to combat multicollinearity**
KAÇIRANLAR S., ÖZBAY N., Ozkan E., GÜLER H.
CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE, vol.34, no.5, 2022 (SCI-Expanded)
- IV. **Implementation and validation of new optimization methods by genetic algorithm for two-parameter ridge estimator**
Tekeli E., Özbay N., Kaçiranlar S.
Concurrency And Computation-Practice & Experience, vol.33, no.9, pp.1-32, 2021 (SCI-Expanded)
- V. **Preface**
Goktas A., KAÇIRANLAR S., AKDİ Y.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.50, no.7, pp.1531, 2021 (SCI-Expanded)
- VI. **CHARACTERIZATION OF ADMISSIBLE LINEAR ESTIMATORS UNDER EXTENDED BALANCED LOSS FUNCTION**
Mirezi B., KAÇIRANLAR S.
KYBERNETIKA, vol.57, no.4, pp.613-627, 2021 (SCI-Expanded)
- VII. **The Prediction Performance of the Alternative Biased Estimators for the Distributed Lag Models**
Dawoud I., KAÇIRANLAR S.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, vol.44, pp.85-98, 2020 (SCI-Expanded)
- VIII. **Optimal determination of the parameters of some biased estimators using genetic algorithm**
TEKELİ E., KAÇIRANLAR S., ÖZBAY N.
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.89, no.18, pp.3331-3353, 2019 (SCI-Expanded)
- IX. **Improved two-parameter estimators for the negative binomial and Poisson regression models**
Cetinkaya M. K., KAÇIRANLAR S.
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.89, no.14, pp.2645-2660, 2019 (SCI-Expanded)
- X. **Risk performance of some shrinkage estimators**
ÖZBAY N., KAÇIRANLAR S.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, 2019 (SCI-Expanded)
- XI. **The optimal extended balanced loss function estimators**
KAÇIRANLAR S., Dawoud I.

JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, vol.345, pp.86-98, 2019 (SCI-Expanded)

- XII. **Comments on "On the weighted mixed Liu-type estimator under unbiased stochastic restrictions"**
KAÇIRANLAR S.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.48, no.3, pp.435-437, 2019 (SCI-Expanded)
- XIII. **On the performance of the poisson and the negative binomial ridge predictors**
KAÇIRANLAR S., Dawoud I.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.47, no.6, pp.1751-1770, 2018 (SCI-Expanded)
- XIV. **Two-stage Liu estimator in a simultaneous equations model**
Toker S., KAÇIRANLAR S., GÜLER H.
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.88, no.11, pp.2066-2088, 2018 (SCI-Expanded)
- XV. **Improvement of the Liu-type Shiller estimator for distributed lag models**
ÖZBAY N., KAÇIRANLAR S.
JOURNAL OF FORECASTING, vol.36, no.7, pp.776-783, 2017 (SSCI)
- XVI. **Evaluation of the predictive performance of the Liu type estimator**
DAWOUD I., KAÇIRANLAR S.
Communications in Statistics: Simulation and Computation, vol.46, no.4, pp.2800-2820, 2017 (SCI-Expanded)
- XVII. **The Almon two parameter estimator for the distributed lag models**
ÖZBAY N., KAÇIRANLAR S.
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.87, no.4, pp.834-843, 2017 (SCI-Expanded)
- XVIII. **The feasible generalized restricted ridge regression estimator**
ÖZBAY N., KAÇIRANLAR S., DAWOUD I.
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.87, no.4, pp.753-765, 2017 (SCI-Expanded)
- XIX. **An optimal k of kth MA-ARIMA models under AR(p) models**
Dawoud I., KAÇIRANLAR S.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.46, no.4, pp.2842-2864, 2017 (SCI-Expanded)
- XX. **Ridge estimator with correlated errors and two-stage ridge estimator under inequality restrictions**
Toker S., KAÇIRANLAR S.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.46, no.3, pp.1407-1421, 2017 (SCI-Expanded)
- XXI. **Comment on a generalized stochastic restricted ridge regression estimator**
KAÇIRANLAR S., DAWOUD I.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.46, no.10, pp.4957-4960, 2017 (SCI-Expanded)
- XXII. **An optimal k of kth MA-ARIMA models under a class of ARIMA model**
DAWOUD I., KAÇIRANLAR S.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.46, no.12, pp.5754-5765, 2017 (SCI-Expanded)
- XXIII. **Robust Liu-type estimator for regression based on M-estimator**
Ertas H., KAÇIRANLAR S., GÜLER H.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.46, no.5, pp.3907-3932, 2017 (SCI-Expanded)
- XXIV. **Comparisons of the alternative biased estimators for the distributed lag models**
GÜLER H., GÜLTAY B., KAÇIRANLAR S.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.46, no.4, pp.3306-3318, 2017 (SCI-Expanded)
- XXV. **An optimal k of kth MA-ARIMA models under MA(q) models**
DAWOUD I., KAÇIRANLAR S.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.46, no.6, pp.4185-4198, 2017 (SCI-Expanded)
- XXVI. **Evaluation of the predictive performance of the r-k and r-d class estimators**
DAWOUD I., KAÇIRANLAR S.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.46, no.8, pp.4031-4050, 2017 (SCI-Expanded)

- XXVII. **The performance of the adaptive optimal estimator under the extended balanced loss function**
ÖZBAY N., KAÇIRANLAR S.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.46, no.22, pp.11315-11326, 2017 (SCI-Expanded)
- XXVIII. **Mean square error comparisons of the alternative estimators for the distributed lag models**
GÜLTAY B., KAÇIRANLAR S.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.44, no.5, pp.1215-1233, 2015 (SCI-Expanded)
- XXIX. **The Predictive Performance Evaluation of Biased Regression Predictors With Correlated Errors**
DAWOUD I., KAÇIRANLAR S.
JOURNAL OF FORECASTING, vol.34, no.5, pp.364-378, 2015 (SSCI)
- XXX. **Robust two parameter ridge M-estimator for linear regression**
Ertas H., Toker S., KAÇIRANLAR S.
JOURNAL OF APPLIED STATISTICS, vol.42, no.7, pp.1490-1502, 2015 (SCI-Expanded)
- XXXI. **Evaluation of the Predictive Performance of the Liu Estimator**
Özbey F., Kaçiranlar S.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.44, pp.1981-1993, 2015 (SCI-Expanded)
- XXXII. **On the Restricted Liu Estimator in the Logistic Regression Model**
Siray G. U., Toker S., KAÇIRANLAR S.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.44, no.1, pp.217-232, 2015 (SCI-Expanded)
- XXXIII. **r - k Class estimator in the linear regression model with correlated errors**
Siray G., KAÇIRANLAR S., SAKALLIOĞLU S.
STATISTICAL PAPERS, vol.55, no.2, pp.393-407, 2014 (SCI-Expanded)
- XXXIV. **Inequality constrained ridge regression estimator**
Toker S., Siray G., KAÇIRANLAR S.
STATISTICS & PROBABILITY LETTERS, vol.83, no.10, pp.2391-2398, 2013 (SCI-Expanded)
- XXXV. **Detecting influential observations in Liu and modified Liu estimators**
Ertas H., Erisoglu M., KAÇIRANLAR S.
JOURNAL OF APPLIED STATISTICS, vol.40, no.8, pp.1735-1745, 2013 (SCI-Expanded)
- XXXVI. **On the performance of two parameter ridge estimator under the mean square error criterion**
Toker S., KAÇIRANLAR S.
APPLIED MATHEMATICS AND COMPUTATION, vol.219, no.9, pp.4718-4728, 2013 (SCI-Expanded)
- XXXVII. **More on the restricted ridge regression estimation**
KAÇIRANLAR S., SAKALLIOĞLU S., Ozkale M. R., GÜLER H.
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.81, no.11, pp.1433-1448, 2011 (SCI-Expanded)
- XXXVIII. **A Comparison of Mixed and Ridge Estimators of Linear Models**
Güler H., KAÇIRANLAR S.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.38, no.2, pp.368-401, 2009 (SCI-Expanded)
- XXXIX. **A new biased estimator based on ridge estimation**
SAKALLIOĞLU S., KAÇIRANLAR S.
STATISTICAL PAPERS, vol.49, no.4, pp.669-689, 2008 (SCI-Expanded)
- XL. **Comparisons of the r-k class estimator to the ordinary least squares estimator under the Pitman's closeness criterion**
Ozkale M. R., KAÇIRANLAR S.
STATISTICAL PAPERS, vol.49, no.3, pp.503-512, 2008 (SCI-Expanded)
- XLI. **Superiority of the r-d class estimator over some estimators by the mean square error matrix criterion**
Ozkale M. R., Kaciranlar S.
STATISTICS & PROBABILITY LETTERS, vol.77, no.4, pp.438-446, 2007 (SCI-Expanded)
- XLII. **Comparisons of the unbiased ridge estimation to the other estimations**
Ozkale M. R., Kaciranlar S.

- COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.36, pp.707-723, 2007 (SCI-Expanded)
- XLIII. **The restricted and unrestricted two-parameter estimators**
Oezkale M. R., KAÇIRANLAR S.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.36, pp.2707-2725, 2007 (SCI-Expanded)
- XLIV. **A prediction-oriented criterion for choosing the biasing parameter in Liu estimation**
Oezkale M. R., Kaciranlar S.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.36, pp.1889-1903, 2007 (SCI-Expanded)
- XLV. **Mean squared error comparisons of some biased regression estimators**
Sakallioğlu S., Kaciranlar S., Akdeniz F.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.30, no.2, pp.347-361, 2001 (SCI-Expanded)
- XLVI. **Combining the Liu estimator and the principal component regression estimator**
Kaciranlar S., Sakallioğlu S.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.30, no.12, pp.2699-2705, 2001 (SCI-Expanded)
- XLVII. **Mean squared error comparisons of the modified ridge regression estimator and the restricted ridge regression estimator**
Kaciranlar S., Sakallioğlu S., Akdeniz F.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.27, no.1, pp.131-138, 1998 (SCI-Expanded)
- XLVIII. **ON THE ALMOST UNBIASED GENERALIZED LIU ESTIMATOR UNBIASED ESTIMATION OF THE BIAS AND MSE**
Akdeniz F., KACIRANLAR S.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.24, no.7, pp.1789-1797, 1995 (SCI-Expanded)

Articles Published in Other Journals

- I. **POISSON AND NEGATIVE BINOMIAL REGRESSION MODELS FOR ZERO-INFLATED DATA: AN EXPERIMENTAL STUDY**
YILDIRIM G., KAÇIRANLAR S., YILDIRIM H.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.71, no.2, pp.601-615, 2022 (ESCI)
- II. **Linear Convex Combination Estimators and Comparisons**
KAÇIRANLAR S., Dawoud I., KARAPINAR D.
Adiyaman University Journal of Science, vol.11, pp.302-320, 2021 (Peer-Reviewed Journal)
- III. **Feasible Generalized Stein-Rule Restricted Ridge Regression Estimators**
ÖZBAY N., DAWOUD I., KAÇIRANLAR S.
JOURNAL OF APPLIED MATHEMATICS STATISTICS AND INFORMATICS, vol.13, no.1, pp.77-97, 2017 (ESCI)
- IV. **THE PREDICTION OF THE TWO PARAMETER RIDGE ESTIMATOR**
DAWOUD I., KAÇIRANLAR S.
JOURNAL OF THE TURKISH STATISTICAL ASSOCIATION, vol.9, no.2, 2016 (Peer-Reviewed Journal)
- V. **Prediction of the Two Parameter Ridge Estimator**
DAWOUD I., KAÇIRANLAR S.
Journal of the Turkish Statistical association, vol.13, no.1, pp.77-97, 2016 (Peer-Reviewed Journal)
- VI. **TWO STAGE LIU REGRESSION ESTIMATOR**
DAWOUD I., KAÇIRANLAR S.
International Research Journal of Mathematics, Engineering and IT, vol.3, no.7, pp.7-35, 2016 (Peer-Reviewed Journal)
- VII. **Stein Rule Restricted Ridge Regression Estimator**
SAKALLIOĞLU S., KAÇIRANLAR S., DAWOUD I.
International Research Journal of Mathematics, vol.3, no.6, pp.67-78, 2016 (Peer-Reviewed Journal)
- VIII. **Two Stages Liu Regression Estimator**
Dawoud I., KAÇIRANLAR S.

Associated Asia research Foundation (AARF), vol.3, no.7, pp.7-35, 2016 (Peer-Reviewed Journal)

- IX. **Gecikmesi dağıtılmış modellerde yanlı tahmin ediciler**
KAÇIRANLAR S.
Journal of Statistical Research, vol.9, no.1, pp.1-10, 2012 (Peer-Reviewed Journal)
- X. **Liu estimator in the general linear regression model**
KAÇIRANLAR S.
Journal of Applied Statistical Science, vol.12, no.3, pp.229-234, 2003 (Scopus)
- XI. **More on the new biased estimator in linear regression**
Akdeniz F., KAÇIRANLAR S.
Sankhya: The Indian Journal of Statistics,, vol.61, pp.321-325, 2001 (Scopus)
- XII. **A New Biased Estimator in Linear Regression and a Detailed Analysis of The Widely Analysed Dataset on Portland Cement**
KAÇIRANLAR S., SAKALLIOĞLU S., AKDENİZ F., GPH S., HJ W.
Sankhya : The Indian Journal of Statistics, Series B, vol.61, no.3, pp.443-459, 1999 (Peer-Reviewed Journal)
- XIII. **A Note on Combining Ridge and Least Squares Estimator**
SAKALLIOĞLU S., KAÇIRANLAR S., Akdeniz F.
Journal of Institute of Mathematics and Computer Science (Math. Series), vol.9, no.2, pp.193-198, 1996 (Peer-Reviewed Journal)
- XIV. **Superiority of Generalized Liu Estimator Over Ordinary Liu Estimator**
KAÇIRANLAR S., Akdeniz F.
Journal of Institute of Mathematics and Computer Science (Computer Science Series), vol.6, pp.1-4, 1995 (Peer-Reviewed Journal)
- XV. **Some Properties of Matrix Partial Ordering**
KAÇIRANLAR S., Akdeniz F.
Journal of Institute of Mathematics and Computer Science (Math. Series), vol.5, pp.329-332, 1992 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Convex Combination of Some Estimators: A Comparative Study**
Mirezi B., KAÇIRANLAR S., GÜLER H.
11th International Statistics Congress (ISC2019), Muğla, Turkey, 4 - 08 October 2019, pp.28
- II. **Modified Two Parameter Estimator to Combat Multicollinearity: A Comparative Study**
KAÇIRANLAR S., ÖZBAY N., ÖZKAN E.
11. International Statistics Congress (ISC2019), 4 - 08 October 2019
- III. **Continuum Regression and Comparisons of Some Related Estimators**
GÜLTAY B., GÜLER H., KAÇIRANLAR S.
11. Uluslararası İstatistik Günleri Konferansı, Muğla, Turkey, 3 - 07 October 2018
- IV. **Investigation of Risk Performances of the New Heterogeneous Estimators**
KAÇIRANLAR S., ÖZBAY N.
4th International Conference on Advances in Statistics, Russia, 11 - 13 May 2018
- V. **Analysis of Transition Probabilities Between Parties of Voter Preferences with the Ecological Regression Method**
GÜLTAY B., KAÇIRANLAR S.
10th International Statistics Congress, Ankara, Turkey, 6 - 08 December 2017
- VI. **İki parametrelili Liu tipi tahmin edicilerde k ve d parametrelerinin genetik algoritma ile elde edilmesi**
TEKELİ E., KAÇIRANLAR S.
2nd International Mediterranean Science and Engineering Congress (IMSEC-2017), 22 - 27 October 2017
- VII. **An Evaluation of Mixed and Ridge Estimators under Multicollinearity and Non-sphericity**
GÜLER H., KAÇIRANLAR S.

- 18th International Symposium on Econometrics, Operations Research and Statistics, 5 - 07 October 2017
- VIII. **Alternative biased estimators for the distributed lag models**
Dawoud I., KAÇIRANLAR S.
18th International Symposium on Econometrics, Operations Research and Statistics, 5 - 07 October 2017
- IX. **Implementation of the Feasible Generalized Restricted Ridge Estimator to Some Stein-rule Estimators**
ÖZBAY N., Dawoud I., KAÇIRANLAR S.
international conference on applied analysis and mathematical modeling (ICAAMM), 3 - 07 July 2017
- X. **Prediction Performance of the new linear convex combination of the biased regression estimators**
Dawoud I., KAÇIRANLAR S.
International researchers, Statisticians and Young Statisticians Congress (IRSYSC), 24 - 26 May 2017
- XI. **Two parameter weighted mixed estimator" International researchers**
KAÇIRANLAR S., ÖZBAY N.
Statisticians and Young Statisticians Congress (IRSYSC), 24 - 26 May 2017
- XII. **On the performance of the poisson and the negative binomial ridge predictors**
KAÇIRANLAR S., DAWOUD I.
X. INTERNATIONAL STATISTICS DAYS CONFERENCE, 7 - 09 October 2016
- XIII. **Estimation in finite distributed lag models A new biased estimator of the unknown lag coefficient**
ÖZBAY N., KAÇIRANLAR S.
X. INTERNATIONAL STATISTICS DAYS CONFERENCE, 7 - 09 October 2016
- XIV. **THE PERFORMANCE OF THE ADAPTIVE OPTIMAL ESTIMATOR**
ÖZBAY N., KAÇIRANLAR S.
9. International Statistics Symposium, 28 October - 01 November 2015
- XV. **Uyarlanmış Optimal Tahmin Edicinin Performansı**
ÖZBAY N., KAÇIRANLAR S.
9. Uluslararası İstatistik Kongresi, 28 October - 01 November 2015
- XVI. **The Performance of the Optimal Extended Balanced Loss Function Estimators and Predictors**
KAÇIRANLAR S., ISSAM D.
4th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2015), 31 August - 03 September 2015
- XVII. **Stein Rule Restricted Ridge Regression Estimator**
SAKALLIOĞLU S., KAÇIRANLAR S.
4th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2015), 31 August - 03 September 2015
- XVIII. **Two Stage Liu Estimator**
TOKER KUTAY S., KAÇIRANLAR S.
15th International Symposium on Econometrics, Operations Research and Statistics (EYİ 2014), Isparta, Turkey, 22 - 25 May 2014
- XIX. **Inequality Constrained Ridge Regression Estimation**
TOKER KUTAY S., ÜSTÜNDAĞ ŞİRAY G., KAÇIRANLAR S.
14th International Symposium on Econometrics, Operations Research and Statistics (EYİ 2013), Sarajevo, Bosnia And Herzegovina, 24 - 28 May 2013
- XX. **M Kestiricilere Dayalı İki Parametrelili Ridge Regresyon**
ERTAŞ H., TOKER KUTAY S., KAÇIRANLAR S.
14th International Symposium on Econometrics, Operations Research and Statistics (EYİ 2013), Sarajevo, Bosnia And Herzegovina, 24 - 28 May 2013
- XXI. **Comparisons of the Alternative Estimators for the Distrubuted Lag Models**
GÜLTAY B., GÜLER H., KAÇIRANLAR S.
8. Uluslararası İstatistik Günleri Sempozyumu, Eskişehir, Turkey, 11 - 13 October 2012
- XXII. **Pitman yakınlık ölçüsü kriterine göre Liu ve en küçük kareler tahmin edicisinin karşılaştırılması**
SAKALLIOĞLU S., KAÇIRANLAR S.

- İstatistik Günleri Sempozyumu, Ankara, Turkey, 23 - 24 May 2002, pp.1
- XXIII. **Liu ve Temel Bileşenler Tahmin Edicilerinin Birleştirilmesi**
KAÇIRANLAR S., SAKALLIOĞLU S.
İstatistik Araştırma Sempozyumu 2000, Ankara, Turkey, 27 - 29 November 2000, pp.1
- XXIV. **Bazı Yanlı Tahmin Edicilerin Karşılaştırılmaları**
SAKALLIOĞLU S., KAÇIRANLAR S., Akdeniz F.
Araştırma Sempozyumu '97, Ankara, Turkey, 24 - 26 November 1997, pp.1
- XXV. **A New Biased Estimator in Linear Regression and Comparisons With Some Other Estimators**
KAÇIRANLAR S., SAKALLIOĞLU S., Akdeniz F., STYAN G.
Sixth International Workshop on Matrix Methods for Statistics, İstanbul, Turkey, 16 - 17 August 1997, pp.1
- XXVI. **Mean Squared Error Comparisons of The Modified Ridge Regression Estimator and The Restricted Ridge Regression Estimator**
KAÇIRANLAR S., SAKALLIOĞLU S., Akdeniz F.
Araştırma Sempozyumu'95, Ankara, Turkey, 27 - 29 November 1995, pp.1
- XXVII. **Bazı Yanlı Regresyon Tahmin Edicilerinin Hata Kareleri Ortalaması Kriterine Göre Karşılaştırılması**
KAÇIRANLAR S.
II. Ulusal Ekonometri ve İstatistik Sempozyumu, İzmir, Turkey, 1 - 02 June 1995, pp.1
- XXVIII. **Hemen Hemen Yansız Genelleştirilmiş Liu Tahmin Edici ve Bu Tahmin Edicinin GLE ve OLSE ile Karşılaştırılması**
Akdeniz F., KAÇIRANLAR S.
Araştırma Sempozyumu '94, 21-23 Kasım 1994, DİE, ANKARA, Ankara, Turkey, 21 - 23 November 1994, pp.1

Supported Projects

- ÖZBAY N., KAÇIRANLAR S., DAWOUD I., Project Supported by Higher Education Institutions, Implementation of the Feasible Generalized Restricted Ridge Estimator to Some Steinrule Estimators, 2017 - 2018
- KAÇIRANLAR S., DAWOUD I., Project Supported by Higher Education Institutions, BİLİMSEL ETKİNLİKLERE KATILIM DESTEĞİ (BEK), 2017 - 2017
- KAÇIRANLAR S., DAWOUD I., Project Supported by Higher Education Institutions, Prediction Performance of the New Linear Convex Combination of the Biased Regression Estimators, 2017 - 2017
- KAÇIRANLAR S., ÖZBAY N., Project Supported by Higher Education Institutions, Tahmin Edicilere Bayesyen Yaklaşım ve Karşılaştırmalar, 2015 - 2017
- KAÇIRANLAR S., Project Supported by Higher Education Institutions, Lineer Regresyon Modelinde Bayes Tahmin Ediciler, 2013 - 2016
- SAKALLIOĞLU S., KAÇIRANLAR S., Project Supported by Higher Education Institutions, Stein Rule Restricted Ridge Regression Estimator, 2015 - 2015
- KAÇIRANLAR S., Dawoud I., Project Supported by Higher Education Institutions, The Performance of the Optimal Extended Balanced Loss Function Estimators and Predictors, 2015 - 2015
- KAÇIRANLAR S., TOKER S., Project Supported by Higher Education Institutions, IMPROVED ESTIMATORS IN THE SIMULTANEOUS EQUATIONS MODEL, 2015 - 2015
- KAÇIRANLAR S., TOKER S., Project Supported by Higher Education Institutions, . TOKER,S; KAÇIRANLAR, S. (2013) On the performance of two parameter ridge estimator under the mean square error criterion. Applied Mathematics and Computation. 219, 4718-4728., 2014 - 2015
- KAÇIRANLAR S., TOKER S., SAKALLIOĞLU S., Project Supported by Higher Education Institutions, A SURVEY OF LIU ESTIMATOR, 2014 - 2015
- KAÇIRANLAR S., Project Supported by Higher Education Institutions, Dayanıklı Yanlı Tahmin Ediciler, 2013 - 2015

Activities in Scientific Journals

Journal of Applied Mathematics and Statistics, Committee Member, 2018 - Continues
AIP Conference Proceedings , Publication Committee Member, 2017 - Continues
Communications in Statistics - Theory and Methods, Special Issue Editor, 2018 - 2019

Memberships / Tasks in Scientific Organizations

Türk İstatistik Derneği, Member, 1995 - Continues
ÇABA, Vice President, 2012 - 2016

Scientific Refereeing

Afyon Kocatepe Üniversitesi, Fen ve Mühendislik Bilimleri Dergisi, National Scientific Refreed Journal, October 2017
Commun.Fac.Sci.Univ.Ankara Ser. A., Other Indexed Journal, October 2017
Pakistan Journal of Statistics , SCI Journal, August 2017
Communications in Statistics - Theory and Methods, SCI Journal, August 2017
Communications in Statistics - Theory and Methods, SCI Journal, July 2017
Maejo International Journal of Science and Technology , Other Indexed Journal, May 2017
Communications in Statistics - Theory and Methods, SCI Journal, March 2017
Communications in Statistics - Theory and Methods, SCI Journal, February 2017
Communications in Statistics - Theory and Methods, SCI Journal, January 2017
Metron, SCI Journal, November 2016
Communications in Statistics - Theory and Methods, SCI Journal, October 2016
Pakistan Journal of Statistics, SCI Journal, October 2016
Communications in Statistics - Simulation and Computation, SCI Journal, September 2016
Journal of Iranian Statistical Society, Other Indexed Journal, July 2016
Statistical Papers, SCI Journal, July 2016
Communications in Statistics - Simulation and Computation, SCI Journal, June 2016
Communications in Statistics -Theory and Methods, SCI Journal, May 2016
Communications in Statistics - Simulation and Computation, SCI Journal, April 2016
Communications in Statistics -Theory and Methods, SCI Journal, February 2016
Statistical Paper, SCI Journal, February 2016
JOURNAL OF THE TURKISH STATISTICAL ASSOCIATION , Other Indexed Journal, November 2015
Journal of Applied Statistics , SCI Journal, July 2015
Communications in Statistics - Simulation and Computation, SCI Journal, June 2015
Scientific Research Publishing , Other Indexed Journal, June 2015
Communications in Statistics Theory and Methods , SCI Journal, May 2015
Journal of the Association of Arab Universities for basic and Applied Sciences , Other Indexed Journal, March 2015
Journal of Statistical Computation and Simulation , SCI Journal, December 2014
Communications in Statistics Theory and Methods , SCI Journal, May 2014
Communications in Statistics - Simulation and Computation, SCI Journal, May 2014
Journal of Classical Analysis , Other Indexed Journal, March 2014
Computational Statistics , SCI Journal, March 2014
Pakistan Journal of Statistics , SCI Journal, December 2013
ScienceAsia, Other Indexed Journal, October 2013
Statistical Papers , SCI Journal, September 2013
Journal of Applied Statistics , SCI Journal, July 2012
Mathematical and Computational Applications , SCI Journal, February 2012
Journal of Statistical Planning and Inference , SCI Journal, October 2011
Chilean Journal of Statistics , Other Indexed Journal, June 2011

İstatistik Araştırma Dergisi (Journal of Statistical Research), National Scientific Refreed Journal, April 2011
İstanbul Ticaret Üniversitesi, Fen Bilimleri Dergisi, National Scientific Refreed Journal, December 2010
Süleyman Demirel Üniversitesi, Fen Bilimleri Dergisi, National Scientific Refreed Journal, November 2010
American Journal of Mathematical and Management Sciences , Other Indexed Journal, June 2010
Journal of Statistical Computation and Simulation , SCI Journal, August 2008
Çukurova Üniversitesi ,Sosyal Bilimler Enstitüsü Dergisi, National Scientific Refreed Journal, April 2008
Journal of Statistical Research , Other Indexed Journal, December 2007
Sigma Mühendislik ve Fen Bilimleri Dergisi, National Scientific Refreed Journal, July 2007
Statistical Methodology , Other Indexed Journal, July 2007
Statistics and Probability Letters , SCI Journal, July 2007
Selcuk Journal of Applied Mathematics , Other Indexed Journal, July 2007
Anadolu Üniversitesi, Bilim ve Teknoloji Dergisi, National Scientific Refreed Journal, May 2007

Metrics

Publication: 146
Citation (WoS): 568
Citation (Scopus): 605
H-Index (WoS): 12
H-Index (Scopus): 13

Congress and Symposium Activities

11. International Statistics Days Conference, Invited Speaker, Muğla, Turkey, 2019
11. International Statistics Days Conference, Attendee, Muğla, Turkey, 2018
4th International Conference on Advances in Statistics, Attendee, Sankt-Peterburg, Russia, 2018
2 nd international mediterranean science and engineering congress, Attendee, Adana, Turkey, 2017
18th International Symposium on Econometrics, Operations Research and Statistics, Attendee, Trabzon, Turkey, 2017
International conference on applied analysis and mathematical modeling (ICAAMM), Attendee, İstanbul, Turkey, 2017
International researchers, Statisticians and Young Statisticians Congress (IRSYSC), 2017, Attendee, Konya, Turkey, 2017
Xth International Statistics Days Conference, 2016, 7-9 OCT ,Giresun., Attendee, Giresun, Turkey, 2016
1. International Mediterranean science and engineering congress(IMSEC 2016), Attendee, Adana, Turkey, 2016
9. International Statistics Symposium, Attendee, Antalya, Turkey, 2015
4th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2015), Attendee, Athína, Greece, 2015
16th International Symposium on Econometrics, Operations Research and Statistics, Attendee, Edirne, Turkey, 2015
3. International Eurasian Conference on Mathematical sciences and Applications, IECMSA-2014, Attendee, Wien, Austria, 2014
15th INTERNATIONAL SYMPOSIUM ON ECONOMETRICS, OPERATIONS RESEARCH AND STATISTICS, Attendee, Isparta, Turkey, 2014
9. International Statistics Day Symposium, Attendee, Antalya, Turkey, 2014
8. Uluslararası İstatistik Kongresi, Attendee, Antalya, Turkey, 2013
1. Genç İstatistikçiler Sempozyumu, Attendee, Ankara, Turkey, 2013

Awards

KAÇIRANLAR S., YAYIN TEŞVİK, TUBİTAK, May 2019
KAÇIRANLAR S., YAYIN TEŞVİK, TUBİTAK, November 2018

KAÇIRANLAR S., YAYIN TEŞVİK, TUBİTAK, May 2017
KAÇIRANLAR S., YAYIN TEŞVİK, TUBİTAK, January 2013
KAÇIRANLAR S., YAYIN TEŞVİK, TUBİTAK, January 2007
SAY D., KAÇIRANLAR S., YAYIN TEŞVİK, TUBİTAK, June 2002
KAÇIRANLAR S., YAYIN TEŞVİK, TUBİTAK, June 2001
KAÇIRANLAR S., YAYIN TEŞVİK, TUBİTAK, June 1999
KAÇIRANLAR S., YAYIN TEŞVİK, TUBİTAK, June 1996