

# BAHADIR YÜZBAŞI

## PROF.

Email : bahadir.yuzbasi@inonu.edu.tr

### International Researcher IDs

ScholarID: XTmhw\_cAAAAJ

ORCID: 0000-0002-6196-3201

Publons / Web Of Science ResearcherID: F-6907-2013

ScopusID: 55581057800

Yoksis Researcher ID: 59769



## Biography

My research interest starts with shrinkage estimation for linear and partially linear models in the context of low and high dimensional case. In recent years, I have been working on big data and statistical machine learning techniques with theory and applications. I am also professionally working coding my studies to R language with publishing in CRAN. Throughout my academic career, I have published a number papers in well-known statistical journals, that have high impact factor, as well as book chapters in well-known publishers. I have been in Canada during my doctorate and post doctorate studies. I presented my studies in the Fields Institute, University of Toronto (as invited speaker) and The University of British Columbia.

## Learning Knowledge

Doctorate  
2010 - 2014

Inonu University, Fen Bilimleri Enstitüsü, Uygulamalı Matematik, Turkey

Postgraduate  
2008 - 2010

Firat University, Fen Bilimleri, Analiz Ve Fonksiyonlar Teorisi, Turkey

Undergraduate  
2004 - 2008

Firat University, Faculty Of Arts And Sciences, Matematik, Turkey

## Foreign Languages

English, C2 Mastery

## Certificates, Courses and Trainings

Education Management and Planning, SPSS Uygulamalı İstatistik Analizi/ Egitmen, UNISEM, 2012

## Disertations

## DISSERTATIONS

Doctorate, Penalty and non-penalty estimation strategies for linear and partially linear models, Inonu University, Fen Bilimleri Enstitüsü, Matematik, 2014

Postgraduate, Generalized Statistical Convergence, Inonu University, Fen Bilimleri Enstitüsü, Analiz Ve Fonksiyonlar Teorisi, 2010

## Academic Titles / Tasks

Professor 2023 - Continues	Inonu University, İktisadi Ve İdari Bilimler Fakültesi, Ekonometri
Associate Professor 2017 - 2023	Inonu University, İktisadi Ve İdari Bilimler Fakültesi, Ekonometri
Associate Professor 2019 - 2019	The University of British Columbia, Faculty Of Science, Statistics
Assistant Professor 2015 - 2017	Inonu University, İktisadi Ve İdari Bilimler Fakültesi, Ekonometri
Assistant Professor 2015 - 2015	Brock University, Faculty Of Science, Department Of Mathematics And Statistics
Research Assistant 2013 - 2014	Brock University, Faculty Of Science, Department Of Mathematics And Statistics
Research Assistant 2009 - 2014	Inonu University, Sosyal Bilimler Enstitüsü, Ekonometri (Dr)

## Supported Projects

1. Yüzbaşı B., TÜBİTAK Project, Van İlinin Yurtiçi Ve Yurtdışından Aldığı Göçün Coğrafi Ağırlıklı Regresyon Yöntemi İle İncelenmesi, 2022 - 2023
2. YÜZBAŞI B., ZAMAR R., Project Supported by Higher Education Institutions, Dayanıklı Düzenleştirme ve Gauss Grafik Modeller, 2019 - 2019
3. YÜZBAŞI B., ASAR Y., ŞIK M. Ş., DEMİRALP A., Project Supported by Higher Education Institutions, Lineer Kantil Regresyon Modeller İçin Ön test ve Stein-tipi Tahmincileri Stratejileri, 2017 - 2018
4. Asar Y., Yüzbaşı B., Project Supported by Higher Education Institutions, Ön-Test ve Stein-Tipi Liu Tahmin Edicilerinin Doğrusal Lineer Regresyon Modeldeki Performanslarının İncelenmesi, 2017 - 2017

## Scholarships

ULUSLARARASI ARAŞTIRMA İŞBİRLİĞİ PROJESİ (UAP), University, 2019 - 2019

Bideb 2214/A Doktora Sirasi Arastirma Bursu, TÜBİTAK, 2013 - 2014

1. **Liu-type shrinkage estimations in linear models**  
Yüzbaşı B., Asar Y., Ahmed S. E.  
Statistics, vol.10, no.11, pp.1-25, 2022 (SCI-Expanded)
2. **SLASSO: a scaled LASSO for multicollinear situations**  
Arashi M., ASAR Y., YÜZBAŞI B.  
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.91, no.15, pp.3170-3183, 2021 (SCI-Expanded)
3. **Penalized regression via the restricted bridge estimator**  
YÜZBAŞI B., Arashi M., Akdeniz F.  
SOFT COMPUTING, vol.25, no.13, pp.8401-8416, 2021 (SCI-Expanded)
4. **CHOICE OF SMOOTHING PARAMETER FOR KERNEL TYPE RIDGE ESTIMATORS IN SEMIPARAMETRIC REGRESSION MODELS**  
YILMAZ E., YÜZBAŞI B., AYDIN D.  
REVSTAT-STATISTICAL JOURNAL, vol.19, no.1, pp.47-69, 2021 (SCI-Expanded)
5. **Does Religiosity Affect Attitudes toward the Ethics of Tax Evasion? The Case of Turkey**  
McGee R. W., BENK S., YÜZBAŞI B., Budak T.  
RELIGIONS, vol.11, no.9, 2020 (AHCI)
6. **Shrinkage Estimation Strategies in Generalised Ridge Regression Models: Low/High-Dimension Regime**  
YÜZBAŞI B., Arashi M., Ahmed S. E.  
INTERNATIONAL STATISTICAL REVIEW, vol.88, no.1, pp.229-251, 2020 (SCI-Expanded)
7. **Ridge-type pretest and shrinkage estimations in partially linear models**  
YÜZBAŞI B., Ahmed S. E., AYDIN D.  
STATISTICAL PAPERS, vol.61, no.2, pp.869-898, 2020 (SCI-Expanded)
8. **Double shrunken selection operator**  
Yuzbasi B., Arashi M.  
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.48, no.3, pp.666-674, 2019 (SCI-Expanded)
9. **Should Governments Tax the Rich and Subsidize the Poor? A Comparative Study of Muslim and Christian Respondents**  
McGee R. W., BENK S., YÜZBAŞI B.  
RELIGIONS, vol.10, no.2, 2019 (AHCI)
10. **Rank-based Liu regression**  
Arashi M., Norouzirad M., Ahmed S. E., YÜZBAŞI B.  
COMPUTATIONAL STATISTICS, vol.33, no.3, pp.1525-1561, 2018 (SCI-Expanded)
11. **IMPROVING ESTIMATIONS IN QUANTILE REGRESSION MODEL WITH AUTOREGRESSIVE ERRORS**  
YÜZBAŞI B., ASAR Y., ŞIK M. Ş., DEMİRALP A.  
THERMAL SCIENCE, vol.22, 2018 (SCI-Expanded)
12. **. IMPROVED PENALTY STRATEGIES in LINEAR REGRESSION MODELS**  
YÜZBAŞI B., Ahmed S. E., GÜNGÖR M.  
REVSTAT-STATISTICAL JOURNAL, vol.15, no.2, pp.251-276, 2017 (SCI-Expanded)
13. **Confidence in Government and Attitudes toward Bribery: A Country-Cluster Analysis of Demographic and Religiosity Perspectives**  
BENK S., YÜZBAŞI B., MCGEE R. W.  
RELIGIONS, vol.8, no.1, 2017 (AHCI)
14. **High Dimensional Data Analysis: Integrating Submodels**  
Ahmed S. E., YÜZBAŞI B.  
BIG AND COMPLEX DATA ANALYSIS: METHODOLOGIES AND APPLICATIONS, pp.285-304, 2017 (SCI-Expanded)
15. **The Impact of Religiosity on Tax Compliance among Turkish Self-Employed Taxpayers**  
BENK S., BUDAK T., YÜZBAŞI B., MOHDALI R.  
RELIGIONS, vol.7, no.4, 2016 (AHCI)
16. **On Distributions of Discrete Order Statistics**

- BULUT Y., GÜNGÖR M., YÜZBAŞI B., Ozbey F., CANPOLAT E.  
JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.20, no.1, pp.187-200, 2016 (SCI-Expanded)
17. **On Order Statistics from Nonidentical Discrete Random Variables**  
YÜZBAŞI B., BULUT Y., GÜNGÖR M.  
OPEN PHYSICS, vol.14, no.1, pp.192-196, 2016 (SCI-Expanded)
  18. **Modified ridge type estimator in partially linear regression models and numerical comparisons**  
Aydin D., YÜZBAŞI B., AHMED S. E.  
Journal of Computational and Theoretical Nanoscience, vol.13, no.10, pp.7040-7053, 2016 (SCI-Expanded)
  19. **Shrinkage and penalized estimation in semi-parametric models with multicollinear data**  
YÜZBAŞI B., Ahmed S. E.  
JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION, vol.86, no.17, pp.3543-3561, 2016 (SCI-Expanded)
  20. **Religion and Ethical Attitudes toward Accepting a Bribe: A Comparative Study**  
McGee R. W., BENK S., YÜZBAŞI B.  
RELIGIONS, vol.6, no.4, pp.1168-1181, 2015 (AHCI)
  21. **HOW RELIGIONS AFFECT ATTITUDES TOWARD ETHICS OF TAX EVASION? A COMPARATIVE AND DEMOGRAPHIC ANALYSIS**  
BENK S., McGee R. W., YÜZBAŞI B.  
JOURNAL FOR THE STUDY OF RELIGIONS AND IDEOLOGIES, vol.14, no.41, pp.202-223, 2015 (AHCI)
  22. **Government expenditures and trade deficits in Turkey: Time domain and frequency domain analyses**  
Kayhan S., BAYAT T., YÜZBAŞI B.  
ECONOMIC MODELLING, vol.35, pp.153-158, 2013 (SSCI)
  23. **On Joint Distributions of Order Statistics from Nonidentically Distributed Discrete Vectors**  
YÜZBAŞI B., GÜNGÖR M.  
JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.15, no.5, pp.917-927, 2013 (SCI-Expanded)
  24. **On joint distributions of order statistics for a discrete case**  
GÜNGÖR M., Bulut Y., YÜZBAŞI B.  
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2012 (SCI-Expanded)

#### Articles Published in Other Journals

1. **Examining The Role of Job by Geographically Weighted Poisson Regression in The Post-Migration Adaptation Process: The Case of Van**  
YÜZBAŞI B., GÖRÜR Ç.  
THE JOURNAL OF SOCIAL SCIENCES INSTITUTE, pp.11-27, 2023 (Peer-Reviewed Journal)
2. **Ridge regresyon parametre seçimi: Türkiye'nin doğrudan yabancı yatırım örneği**  
YÜZBAŞI B., Pala M.  
İstatistikçiler Dergisi: İstatistik ve Aktüerya, vol.15, no.1, 2022 (Peer-Reviewed Journal)
3. **EXAMINING SPATIAL VARIABILITY IN THE ASSOCIATION BETWEEN SOME FACTORS AND NUMBER OF PRISONERS IN TURKEY: A GWR ANALYSIS**  
YÜZBAŞI B., Görür Ç.  
Muğla Journal of Science and Technology, vol.7, no.1, pp.141-148, 2021 (Peer-Reviewed Journal)
4. **Ridge Type Shrinkage Estimation of Seemingly Unrelated Regressions And Analytics of Economic and Financial Data from "Fragile Five" Countries**  
YÜZBAŞI B., Ahmed S. E.  
JOURNAL OF RISK AND FINANCIAL MANAGEMENT, vol.13, no.6, 2020 (ESCI)
5. **Big data analytics: integrating penalty strategies**  
Ahmed S. E., YÜZBAŞI B.  
INTERNATIONAL JOURNAL OF MANAGEMENT SCIENCE AND ENGINEERING MANAGEMENT, vol.11, no.2, pp.105-115, 2016 (ESCI)

## Books & Book Chapters

1. **Post-Shrinkage Strategies in Statistical and Machine Learning for High Dimensional Data**  
Ahmed S. E., Ahmed F., YÜZBAŞI B.  
Routledge, New York, 2023
2. **Religious Attitudes Toward Bribery: A Comparative Study**  
W McGee R., BENK S., YÜZBAŞI B.  
in: The Ethics of Bribery Theoretical and Empirical Studies, , Editor, Springer, pp.11-29, 2023
3. **Christian Attitudes toward Bribery**  
W McGee R., BENK S., YÜZBAŞI B.  
in: The Ethics of Bribery Theoretical and Empirical Studies, , Editor, Springer, pp.31-55, 2023
4. **Atheist Attitudes toward Bribery**  
W McGee R., BENK S., YÜZBAŞI B.  
in: The Ethics of Bribery Theoretical and Empirical Studies, , Editor, Springer, pp.79-99, 2023
5. **ewish Attitudes Toward Bribery**  
W McGee R., BENK S., YÜZBAŞI B.  
in: The Ethics of Bribery: Theoretical and Empirical Studies,, , Editor, Springer, pp.123-143, 2023
6. **Göç Sonrası Uyum Sürecinde Eğitim Etkisinin Coğrafi Ağırlıklı Poisson Regresyon Yöntemi ile İncelenmesi: Van Örneği**  
GÖRÜR Ç., Küçük B., YÜZBAŞI B.  
in: Küreselleşme ve Göç, , Editor, Holistence Publications, pp.159-176, 2023
7. **Hindu Attitudes toward Bribery**  
W McGee R., BENK S., YÜZBAŞI B.  
in: The Ethics of Bribery Theoretical and Empirical Studies, , Editor, Springer, pp.101-121, 2023
8. **Big data analytics: integrating penalty strategies**  
Ahmed S. E., YÜZBAŞI B.  
in: Big Data and Information Theory, , Editor, Routledge, Londrina, pp.1-11, 2022
9. **LAD, LASSO and Related Strategies in Regression Models**  
YÜZBAŞI B., Ahmed S. E., Arashi M., Norouzirad M.  
in: Advances in Intelligent Systems and Computing, Jiuping Xu, Syed Ejaz Ahmed, Gheorghe Duca, FangLee Cooke, Editor, Springer, Cham, pp.429-444, 2020
10. **Dinamik Doğrusal Modeller İle Türkiye'ye Ait Gayri Safi Yurt İçi Hasıla Tahmini**  
YÜZBAŞI B., Görür Ç.  
Gece Akademi, 2019
11. **High dimensional regression under correlated Design:an extensive simulation study**  
AHMED S. E., HWANWOO K., YILDIRIM G., YÜZBAŞI B.  
in: Matrices, Statistics and Big Data, Contributions to Statistics, , Editor, SpringerSpringer Nature Switzerland AG, 2019
12. **Efficient and Improved Estimation Strategy in Zero-Inflated Poisson Regression Models**  
ASAR Y., AHMED S. E., YÜZBAŞI B.  
in: Lecture Notes on Multidisciplinary Industrial Engineering, , Editor, Springer, 2019
13. **Ridge Type Estimation in the Zero-Inflated Negative Binomial Regression**  
YÜZBAŞI B., ASAR Y.  
in: Special Topics in Econometrics, , Editor, Gazi Kitabevi, 2018
14. **L1 Correlation-Based Penalty in High-Dimensional Quantile Regression**  
YÜZBAŞI B., ASAR Y., Ahmed S. E.  
in: 2018 4TH INTERNATIONAL CONFERENCE ON BIG DATA AND INFORMATION ANALYTICS (BIGDIA), , Editor, IEEE Gulf Coast Consortia Univ Texas Hlth Sci Ctr Houston, Dept biostatistics Data Sci, Sch Public Hlth, pp.1-5, 2018
15. **High Dimensional Data Analysis: Integrating Submodel**  
AHMED S. E., YÜZBAŞI B.  
in: Big and Complex Data Analysis Springer, S. Ejaz Ahmed, Editor, Springer International Publishing, 2016

16. **Shrinkage Ridge Regression Estimators in High-Dimensional Linear Models**

YÜZBAŞI B., AHMED S. E.

in: Advances in Intelligent Systems and Computing, Xu, J., Nickel, S., Machado, V.C., Hajiyeve, A, Editor, Springer, 2015

**Refereed Congress / Symposium Publications in Proceedings**

1. **Liu Estimation on Geographically Weighted Regression**

YÜZBAŞI B.

IV. International Applied Statistics Congress, Saraybosna, Bosnia And Herzegovina, 26 - 29 September 2023

2. **Geographically Weighted Regression Using Minkoski Distance: An Application of European Union Carbon Footprint Data**

YÜZBAŞI B., KÜÇÜKARSLAN YÜZBAŞI Z.

IV. International Applied Statistics Congress, Saraybosna, Bosnia And Herzegovina, 26 - 29 September 2023

3. **Examining the Factors Affecting Cultural Similarity in the Post-Migration Adaptation Process by Geographical Weighted Regression Method: The Case of Van Province**

GÖRÜR Ç., YÜZBAŞI B., TUNCEL G.

The Migration Conference 2023, Hamburg, Germany, 23 - 26 August 2023

4. **Investigation of Migration due to Social Environmental Pressure by Geographical Regression: The Example of Van Province**

GÖRÜR Ç., YÜZBAŞI B.

The Migration Conference 2023, Hamburg, Germany, 23 - 26 August 2023

5. **Ekonomik Yetersizlik ile Göç Arasındaki İlişkinin Ampirik Analizi: Van İlinden Kanıtlar**

PEHLİVAN C., YÜZBAŞI B.

The Migration Conference 2023, Hamburg, Germany, 23 - 26 August 2023

6. **Sosyo-Gelişmişlik Düzeyi ile Göç Arasındaki İlişki: Van İli Üzerine Bir Araştırma**

PEHLİVAN C., YÜZBAŞI B., TUNCEL G.

The Migration Conference 2023, Hamburg, Germany, 23 - 26 August 2023

7. **Investigation of Work Effect in The Postmigration Adaptation Process by Geographically Weighted Poisson Regression: The Case of Van**

GÖRÜR Ç., YÜZBAŞI B.

The Seventh International Conference on Computational Mathematics and Engineering Sciences (CMES-2023),

Elazığ, Turkey, 20 - 21 May 2023

8. **The Effect of Climate and Geographical On Migrations to Van Province**

Küçük B., YÜZBAŞI B.

The Seventh International Conference on Computational Mathematics and Engineering Sciences (CMES-2023),

Elazığ, Turkey, 20 - 21 May 2023

9. **Van Province Immigrated to Access A Better Life**

KARAKAŞ M., YÜZBAŞI B.

The Seventh International Conference on Computational Mathematics and Engineering Sciences (CMES-2023),

Elazığ, Turkey, 20 - 21 May 2023

10. **Machine Learning in Geographically Weighted Regression**

YÜZBAŞI B.

The Seventh International Conference on Computational Mathematics and Engineering Sciences (CMES-2023),

Elazığ, Turkey, 20 - 21 May 2023

11. **Van İlının Göç Sonrası Uyum Sürecinde Eğitim Etkisi**

Küçük B., YÜZBAŞI B.

2. Uluslararası Sosyal Bilimler Yapay Zekâ ve Sosyal Bilimler Kongresi, Ankara, Turkey, 3 - 05 May 2023

12. **Van İlının Eğitim İmkânsızlıkları Nedeniyle Aldığı Göçün Coğrafi Ağırlıklı Poisson Regresyon Yöntemiyle İncelenmesi**

GÖRÜR Ç., YÜZBAŞI B.

Yapay Zeka ve Sosyal Bilimler" ana temalı II. Uluslararası Sosyal Bilimler Kongresi, Ankara, Turkey, 3 - 05 May 2023

13. **LAD, LASSO and related strategies in regression models**  
YÜZBAŞI B., Ahmed S. E., Arashi M., Norouzirad M.  
13th International Conference on Management Science and Engineering Management, ICMSEM 2019, St. Catharines, Canada, 5 - 08 August 2019, vol.1001, pp.429-444
14. **High-Dimensional Regression Under Correlated Design: An Extensive Simulation Study**  
Ahmed S. E., Kim H., Yildirim G., YÜZBAŞI B.  
25th International Workshop on Matrices and Statistics (IWMS), Funchal, Portugal, 6 - 09 June 2016, pp.145-175
15. **Otoregresif Hatalarla Kantil Regresyon Modelinde Ön Test Tahmini**  
DEMİRALP A., YÜZBAŞI B.  
19. Uluslararası Ekonometri Yöneylem Araştırması Ve İstatistik Sempozyumu, Antalya, Turkey, 17 - 20 October 2018
16. **İkili Kantil Regresyon İçin Bir Uygulama**  
YÜZBAŞI B., DEMİRALP A.  
19. Uluslararası Ekonometri Yöneylem Araştırması Ve İstatistik Sempozyumu, Antalya, Turkey, 17 - 20 October 2018
17. **Otoregresif Hatalarla Kantil Regresyon Modelinde Ön Test Tahmini**  
DEMİRALP A., YÜZBAŞI B.  
19. Uluslararası Ekonometri Yöneylem Araştırması Ve İstatistik Sempozyumu, Antalya, Turkey, 17 - 20 October 2018
18. **Correlation Based Penalty Estimator in Vector Autoregressive Model**  
YÜZBAŞI B., DEMİRALP A., GÜNGÖR M.  
11. International Statistics Days Conference, Muğla, Turkey, 3 - 07 October 2018
19. **A Study on Reliability Bounds**  
DEMİRALP A., ŞIK M. Ş., YÜZBAŞI B.  
International Conference on Mathematics and Mathematics Education (ICMME-2018), Ordu, Turkey, 27 - 29 June 2018
20. **A Biased Estimation Method in Zero Inflated Count Models**  
ASAR Y., YÜZBAŞI B.  
3rd International Conference on Computational Mathematics and Engineering Sciences, Girne, Cyprus (Kkct), 4 - 06 May 2018
21. **Quantile Correlation Based Penalty Estimator**  
YÜZBAŞI B., ASAR Y.  
3rd International Conference on Computational Mathematics and Engineering Sciences, Girne, Cyprus (Kkct), 4 - 06 May 2018
22. **Improved Biased Estimation Methods in Logistic Regression**  
YÜZBAŞI B., ASAR Y.  
3rd International Conference on Computational Mathematics and Engineering Sciences, Girne, Cyprus (Kkct), 4 - 06 May 2018
23. **L1 Correlation-Based Penalty in High-Dimensional Quantile Regression**  
YÜZBAŞI B., Ahmed S. E., ASAR Y.  
4th International Conference on Big Data and Information Analytics (BigDIA), Texas, United States Of America, 17 - 19 December 2018
24. **Improved Estimation Strategies in Generalized Ridge Regression Models**  
YÜZBAŞI B., AHMED S. E., ARASHI M.  
3. International Researchers, Statisticians and Young Statisticians Congress, 17 - 20 May 2017
25. **Shrinkage and penalty estimation in quantile regression model with autoregressive errors**  
DEMİRALP A., ASAR Y., YÜZBAŞI B.  
INTERNATIONAL CONFERENCE ON MATHEMATICAL MODELLING in Applied Sciences, Saint Peter, Guernsey And Alderney, 24 - 28 July 2017

26. **Preliminary and shrinkage estimation in quantile regression model with iid errors**  
 ŞIK M. Ş., YÜZBAŞI B., ASAR Y.  
 International Conference on Mathematical Modelling in Applied Sciences, St. Petersburg, Russia, 24 - 28 July 2017
27. **Shrinkage and penalty estimation in quantile regression model with autoregressive errors**  
 DEMİRALP A., ASAR Y., YÜZBAŞI B.  
 INTERNATIONAL CONFERENCE ON MATHEMATICAL MODELLING in Applied Sciences, Saint-Petersburg, Russia, 24 - 28 July 2017, pp.224
28. **Preliminary Test and Stein-Type Liu Estimators in Partially Linear Models: Sub-model Analysis**  
 YÜZBAŞI B., ASAR Y., ARASHI M.  
 61st World Statistics Congress (ISI2017), 16 - 21 July 2017
29. **Big Data Analysis Using Shrinkage Strategies**  
 ARASHI M., YÜZBAŞI B.  
 61st World Statistics Congress (ISI2017), 16 - 21 July 2017
30. **Improved Estimation Strategies in Quantile Regression Model when Errors are Non-iid**  
 DEMİRALP A., ASAR Y., YÜZBAŞI B.  
 3.International Researchers, Statisticians and Young Statisticians Congress 2017, Konya, Turkey, 24 - 26 May 2017
31. **Controlling Bias in Quantile Regression Models under Gauss-Markov Assumptions**  
 ŞIK M. Ş., YÜZBAŞI B., ASAR Y.  
 3rd International Researchers, Statisticians and Young Statisticians Congress, Konya, Turkey, 24 - 26 May 2017
32. **Linear Unified Shrinkage Estimators in Linear Models**  
 ASAR Y., YÜZBAŞI B.  
 International Workshop on Mathematical Methods in Engineering, Ankara, Turkey, 27 - 29 April 2017
33. **Pretest and Stein-Type Estimations in Quantile Regression Model**  
 YÜZBAŞI B., ASAR Y., ŞIK M. Ş., DEMİRALP A.  
 Mathematical Methods In Engineering International Symposium, Ankara, Turkey, 27 - 29 April 2017
34. **Pretest and Stein-Type Estimations in Quantile Regression Model**  
 YÜZBAŞI B., ASAR Y., ŞIK M. Ş., DEMİRALP A.  
 Mathematical Methods In Engineering International Symposium, Ankara, Turkey, 27 - 29 April 2017
35. **Pretest and Stein-Type Estimations in Quantile Regression Model**  
 YÜZBAŞI B., ASAR Y., ŞIK M. Ş., DEMİRALP A.  
 Mathematical Methods In Engineering International Symposium, Ankara, Turkey, 27 - 29 April 2017, pp.144
36. **Pretest Shrinkage Positive Shrinkage Ridge Estimators in Linear Regression Models**  
 YÜZBAŞI B.  
 44th Annual Meeting of the Statistical Society of Canada, 29 May - 01 June 2016
37. **On Lasso trade off diagram under correlated random design matrix**  
 YILDIRIM G., AHMED S. E., KIM H., YÜZBAŞI B.  
 6th International Workshop on the Perspectives on High-Dimensional Data Analysis (HDDA-VI), 25 - 27 May 2016
38. **Stein Type Generalized Ridge Regression in High Dimensional Sparse Models**  
 YÜZBAŞI B., AHMED S. E.  
 6th International Workshop on the Perspectives on High-Dimensional Data Analysis (HDDA-VI), Canada, 25 - 27 May 2016
39. **Shrinkage Ridge Type Estimators in Linear Models**  
 YÜZBAŞI B., AHMED S. E., GÜNGÖR M.  
 9. International Statistics Congress, 28 October - 01 November 2015
40. **Ridge type kernel smoothing in semi parametric regression models A Comparative Simulation Study**  
 YILMAZ E., YÜZBAŞI B., AYDIN D.  
 9. International Statistics Congress, 28 October - 01 November 2015
41. **Shrinkage Ridge Regression Estimators in High-Dimensional Linear Models**  
 YÜZBAŞI B., Ahmed S. E.  
 9th International Conference on Management Science and Engineering Management (ICMSEM), Karlsruhe, Germany, 21 - 23 July 2015, vol.362, pp.793-807

## 42. ASİMETRİK NEDENSELLİK TESTİ VE BİR UYGULAMA

ZEREN F., YÜZBAŞI B., CANPOLAT E., DOĞAN M.

15. EYİ, Turkey, 22 - 25 May 2014

### Courses

İSTATİSTİKSEL TAHMİN TEKNİKLERİ II, Undergraduate Minor, 2022-2023

Olasılık, Undergraduate, 2022-2023

İSTATİSTİKSEL YÖNTEMLER II, Undergraduate Double Major, 2022-2023

EKONOMETRİ II, Undergraduate Double Major, 2022-2023

Kategorik Veri Analizi, Undergraduate, 2022-2023

Statistics for Business and Economics, Undergraduate, 2022-2023

Olasılık, Undergraduate, 2019-2020

Mesleki İngilizce, Undergraduate, 2019-2020

İstatistiksel Veri Analizi, Undergraduate, 2019-2020

Deneysel Tasarım, Undergraduate, 2019-2020

Statistics, Undergraduate, 2019-2020

İstatistik, Undergraduate, 2019-2020

İSTATİSTİKSEL YÖNTEMLER, Undergraduate Double Major, 2019-2020

Kategorik Veri Analizi, Undergraduate, 2019-2020

Regresyon Analizi, Undergraduate, 2019-2020

Deneysel Tasarım, Undergraduate, 2019-2020

İSTATİSTİKSEL TAHMİN TEKNİKLERİ, Undergraduate Minor, 2019-2020

Deneysel Tasarım, Undergraduate, 2018-2019

İSTATİSTİKSEL YÖNTEMLER, Undergraduate Double Major, 2018-2019

İSTATİSTİKSEL TAHMİN TEKNİKLERİ, Undergraduate Minor, 2018-2019

Mesleki İngilizce, Undergraduate, 2018-2019

İstatistik, Undergraduate, 2018-2019

Kategorik Veri Analizi, Undergraduate, 2018-2019

Deneysel Tasarım, Undergraduate, 2018-2019

Regresyon Analizi, Undergraduate, 2018-2019

Olasılık, Undergraduate, 2018-2019

Statistics, Undergraduate, 2018-2019

İstatistiksel Veri Analizi, Undergraduate, 2018-2019

Deneysel Tasarım, Undergraduate, 2017-2018

İSTATİSTİKSEL TAHMİN TEKNİKLERİ, Undergraduate Minor, 2017-2018

İSTATİSTİKSEL YÖNTEMLER, Undergraduate Double Major, 2017-2018

İstatistiksel Veri Analizi, Undergraduate, 2017-2018

Regresyon Analizi, Undergraduate, 2017-2018

Kategorik Veri Analizi, Undergraduate, 2017-2018

Sosyal Bilimler İçin İstatistik, Undergraduate, 2017-2018

İstatistik, Undergraduate, 2017-2018

Deneysel Tasarım, Undergraduate, 2017-2018

Olasılık, Undergraduate, 2017-2018

İstatistiksel Tahmin Teknikleri, Doctorate, 2016 - 2017

Olasılık, Undergraduate, 2016-2017

İstatistiksel Yöntemler, Undergraduate Double Major, 2016-2017

Regresyon Analizi, Undergraduate, 2016-2017

Deneysel Tasarım, Undergraduate, 2016-2017

EKONOMETRİ, Undergraduate Double Major, 2016-2017

Sosyal Bilimler İçin İstatistik, Undergraduate, 2016-2017  
İstatistik, Undergraduate, 2016-2017  
İSTATİSTİKSEL TAHMIN TEKNİKLERİ, Undergraduate Minor, 2016-2017  
Dogrusal Cebir, Undergraduate, 2016-2017  
İSTATİSTİKSEL YÖNTEMLER, Undergraduate Double Major, 2016-2017  
İstatistiksel Veri Analizi, Undergraduate, 2016-2017  
Regresyon Analizi, Undergraduate, 2016-2017  
Deneysel Tasarım, Undergraduate, 2016-2017  
Kategorik Veri Analizi, Undergraduate, 2016-2017  
Dogrusal Cebir, Undergraduate, 2015-2016  
Kategorik Veri Analizi, Undergraduate, 2015-2016  
Regresyon Analizi, Undergraduate, 2015-2016  
Olasılık, Undergraduate, 2015-2016  
İstatistik, Undergraduate, 2015-2016  
İSTATİSTİKSEL TAHMIN TEKNİKLERİ, Undergraduate Minor, 2015-2016  
Deneysel Tasarım, Undergraduate, 2015-2016  
Deneysel Tasarım, Undergraduate, 2015-2016  
İstatistiksel Yöntemler, Undergraduate Double Major, 2015-2016  
Regresyon Analizi, Undergraduate, 2015-2016  
İSTATİSTİKSEL YÖNTEMLER, Undergraduate Double Major, 2015-2016  
İstatistiksel Veri Analizi, Undergraduate, 2015-2016

## Advising Theses

Yüzbaşı B., Dinamik doğrusal modeller ile Türkiye'ye ait gayri safi yurtiçi hâsıla tahmini, Postgraduate, Ç.GÖRÜR(Student), 2019  
Yüzbaşı B., Lasso VAR ve VARX modelleri üzerine bir uygulama, Postgraduate, E.ÇAĞLA(Student), 2019

## Scientific Refereeing

Journal of Public Affairs, Journal Indexed in ESCI, August 2020  
JOURNAL OF STATISTICAL PLANNING AND INFERENCE, SCI Journal, July 2020  
Mugla Journal of Science and Technology, National Scientific Refreed Journal, February 2020  
SOFT COMPUTING, SCI Journal, January 2020  
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, SCI Journal, July 2019  
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, SCI Journal, June 2019  
Journal of Statistical Theory and Applications, Journal Indexed in ESCI, February 2019  
CHEMOMETRICS AND INTELLIGENT LABORATORY SYSTEMS, Journal Indexed in SSCI, January 2019  
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, SCI Journal, January 2019  
Applications and Applied Mathematics: An International Journal (AAM), Journal Indexed in ESCI, February 2018  
Statistical Papers, SCI Journal, June 2017  
Journal of Statistical Computation and Simulation, SCI Journal, May 2017  
Thermal Science, SCI Journal, February 2017  
Computational Statistics & Data Analysis, SCI Journal, April 2016  
Economic Modelling, Journal Indexed in SSCI, February 2012

## Metrics

Publication: 87

Citation (WoS): 136

Citation (Scopus): 400

H-Index (WoS): 7

H-Index (Scopus): 12

## Congress and Symposium Activities

44th Annual Meeting of the Statistical Society of Canada, Invited Speaker, Saint-Catharines-Niagara, Canada, 2015

6th International Workshop on the Perspectives on High-Dimensional Data Analysis, Invited Speaker, Toronto, Canada, 2015

## Research Areas

Econometrics, Statistics