

ZEHRA ZEYNEP ŞAHİNBAŞOĞLU



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EDUCATION

| | |
|-------------|--|
| 2019 – 2023 | <i>Yıldız Technical University</i> , Ph.D. Degree, Statistics |
| 2003 - 2005 | <i>Yıldız Technical University</i> , Master's Degree, Statistics |
| 1997 - 2002 | <i>Yıldız Technical University</i> , Bachelor's Degree, Statistics |
| 1990 - 1996 | <i>Kalamış Private High School</i> |

WORK EXPERIENCE

- **Ozyegin University** (Sep.25 – still)
Lecturer
 - Probability for Social Sciences
 - 3 hours weekly + 1 hour problem solving session
 - For undergraduate students
- **Ozyegin University** (Sep.24 – Jan.25)
Lecturer
 - Probability for Social Sciences
 - 3 hours weekly + 1 hour problem solving session
 - For undergraduate students
- **Maltepe University** (Feb. 24 – Jun. 24)
Lecturer
 - Advanced Statistics Training
 - 3 hours weekly
 - For graduate students
 - Teaching Probability and Statistics
 - 4 hours weekly
 - For undergraduate students
- **HENAKS Profil Aksesuarları Sanayi Ticaret Limited Şirketi** (June 16 - still)
Accountant
- **Bir Pasta Masalı** (Nov.11- Aug.19)
Company Owner
 - Various cake-related trainings received from trainers who are experts in their fields and have been a jury in competitions for 8 years
 - Preparation process and organization of various desserts for special occasions:
 - Birthdays
 - Engagement Ceremony
 - Company launches
 - Special Occasions

- **IPSOS** (May10 – Jun.11)
Supervisor
 - Reshaping Ipsos' mystery shopping department with an innovative approach
 - Creating IPSOS's own secret customer portfolio in the mystery shopping department.
 - Collaborating with 3rd party mystery shopping companies for mystery shopping visits
 - Providing necessary training for error-free and complete visits to 3rd party mystery shopping companies
 - Organization of mystery shopper visits
 - Control process for error-free auditing
 - Control of questionnaires with audit questions answered
 - Crisis management expertise that may occur during the audit
 - Control process of the obtained reports
- **Piramit Danışmanlık A.Ş** (Nov.06 - Aug.09)
Supervisor
 - Preparation of questionnaires regarding the audit to be carried out
 - Inspection of the areas to be inspected
 - Checking the prepared questionnaires with field visits
 - Organization of mystery shopper visits
 - Control process for error-free auditing
 - Control of questionnaires with audit questions answered
 - Crisis management expertise that may occur during the audit
 - Control process of the obtained reports

LANGUAGE PROFICIENCY

English - Advanced
Exam Name: YÖKDİL (28.03.2019) – 76,250

COMPUTER SKILLS

SPSS, R, Microsoft Office

THESIS

- **Bachelor's Thesis:** *Some Curvatures Measures of Non-Linear Regression* (Zehra Zeynep ŞAHİNBAŞOĞLU – Advisor: Atif Ahmet EVREN)- 2006
- **Ph.D. Thesis:** *Determining The Curvature Variables in Regression Models Using Mutual Information* (Zehra Zeynep ŞAHİNBAŞOĞLU – Advisor: Doç. Dr. Atif Ahmet EVREN) - 2023

PUBLICATIONS

- **SCI, SCI-Expanded, Articles Published in Indexed Journals (SSCI ve AHCI)**
 - E. TUNA, A. EVREN, E. USTAOGU, B. SAHIN & Z. Z. SAHINBASOGLU, Testing Nonlinearity with Renyi and Tsallis Mutual Information with an Application in the EKC Hypothesis, ENTROPY, 2023, 1099-4300, 25, 1
 - E. TUNA, A. A. EVREN, Z. Z. SAHINBASOGLU & M. VEZNIKLI, Examination of the Effects of COVID-19 on Happiness in Different Geographical Regions with Piecewise Linear Panel Data Models, SUSTAINABILITY, 2023, 2071-1050, 15, 11.

- B. SAHIN, A. EVREN, E. TUNA, Z. Z. SAHINBASOGLU, E. USTAOGU, Parameter Estimation of the Dirichlet Distribution Based on Entropy, AXIOMS, 2023, 2075-1680/12/10/947
 - Z. Z. SAHINBASOGLU, A Multivariate Statistical Analysis of Educational Investments and Mathematics Achievement :Evidence Fron PISA 2022 in OECD Countries - in the process of writing, 2026
- **Articles Published in Indexed Journals (SSCI ve AHCI)**
- E. TUNA, Z. Z. SAHINBASOGLU, Analysis of The Effects of The COVID-19 Pandemic on Turkey's Happiness with Dynamic Markov Switching Models, Social Sciences Research Journal, 2024
- **Books and Book Chapters Published in International Publishing Houses**
- Akoğul, S. & Tuna, E. (eds.) (2024). Academic Studies with Current Econometric and Statistical Applications. Özgür Yayınları. DOI: <https://doi.org/10.58830/ozgur.pub518>

PARTICIPATED CONGRESSES

- E. TUNA, A. A. EVREN, Z. Z. SAHINBASOGLU & M. VEZNIKLI, Examination of the Effects of COVID-19 on Happiness in Different Geographical Regions with Piecewise Linear Panel Data Models, SUSTAINABILITY, 2023, 2071-1050, 15, 11.
- Z. Z. SAHINBASOGLU, Avrupa Birliği Ülkelerinde Temel Gelir Sorgulamasında Çoklu Uyum İyiliği Analizi Kullanımı, Abstract Submission, ISRYSC 2023 CONGRESS, 2 Kasım 2023, 5 Kasım 2023
- Z. Z. SAHINBASOGLU, Kişilerin Koroner Kalp Hastalığı Riski Taşıyıp Taşımamasının Lojistik Regresyon Kullanılarak Araştırılması, Abstract Submission, ISRYSC 2023 CONGRESS, 2 Kasım 2023, 5 Kasım 2023

CONFERENCE PRESENTATIONS

- 7 th International Researchers, Statisticians and Young Statisticians Congress, Istanbul, Türkiye ,Organizing Committee Member (Nov. 23)
 - <http://www.irsysc2023.yildiz.edu.tr/congress-organizing-committee>

INTERESTS

- Sports (walking, pilates)
- Travelling
- Animal Lover - I actively participated in providing regular feeding, water supply, and care for stray animals
- Reading: Adventure books
- Going to cinemas, theaters and concerts
- Designing different cakes
- Various handcrafts like puzzles, knitting, cross-stitch, paintings

PERSONAL INFORMATION

Date of Birth: 30.01.1978

Place of Birth: Trabzon