

## Personal Information

**Office Phone:** [+90 280](tel:+90280) Extension: 2352

**Web:** <https://avesis.medeniyet.edu.tr/sami.erdogan>

## Education Information

Doctorate, Dokuz Eylül Üniversitesi, Fen Bilimleri Enstitüsü, İstatistik, Turkey 2013 - 2019

Post Graduate, Dokuz Eylül Üniversitesi, Fen Bilimleri Enstitüsü, İstatistik, Turkey 2011 - 2013

Under Graduate, Dokuz Eylül Üniversitesi, Fen Fakültesi, İstatistik Bölümü, Turkey 2006 - 2011

## Dissertations

Doctorate, GEOMETRIC MODELLING IN REGRESSION AND DISTRIBUTION ESTIMATION, Dokuz Eylül Üniversitesi, Fen Bilimleri Enstitüsü, İstatistik, 2019

Post Graduate, THE USE OF SPLINE BAYESIAN SPLINE AND PENALIZED BAYESIAN SPLINE REGRESSION FOR MODELING, Dokuz Eylül Üniversitesi, Fen Bilimleri Enstitüsü, İstatistik, 2013

## Research Areas

Statistics, Statistical Analysis and Applications, Natural Sciences

## Academic Titles / Tasks

Research Assistant PhD, İstanbul Medeniyet Üniversitesi, Faculty of Engineering and Natural Sciences , Statistics Department , 2019 - Continues

Research Assistant, Dokuz Eylül Üniversitesi, Fen Fakültesi , İstatistik Bölümü, 2012 - 2019

Research Assistant, İstanbul Medeniyet Üniversitesi, Faculty of Engineering and Natural Sciences , Statistics Department , 2011 - 2012

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **An alternative distribution function estimation method using rational Bernstein polynomials**  
Erdogan M. S. , Disibuyuk C., Oruc O. E.  
JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, vol.353, pp.232-242, 2019 (Journal Indexed in SCI)

## Articles Published in Other Journals

- **Probabilistic Approach to the Schoenberg Spline Operator and Unimodal Density Estimator**  
EGE ORUÇ Ö., ERDOĞAN M. S. , ORUÇ H.  
İSTATİSTİK, Journal of the Turkish Statistical Association, vol.17, pp.33-39, 2017 (Refereed Journals of Other Institutions)
- **The Use of Spline, Bayesian Spline and Penalized Bayesian Spline Regression for Modeling**  
ERDOĞAN M. S. , EGE ORUÇ Ö.  
Journal of Scientific Research and Reports, vol.4, pp.153-161, 2015 (Refereed Journals of Other Institutions)

## Refereed Congress / Symposium Publications in Proceedings

- **A New Distribution Function Estimation Method by Using Non-Uniform Rational B-splines**  
ERDOĞAN M. S. , EGE ORUÇ Ö.  
3rd International Researchers, Statisticians and Young Statisticians Congress (IRSYSC-2017), Konya, Turkey, 24 May 2017, pp.187
- **A Novel Method for Distribution Function Estimation Using Rational Bernstein Polynomial**  
ERDOĞAN M. S. , EGE ORUÇ Ö.  
Xth International Statistics Days Conference (ISDC'2016), Giresun, Turkey, 07 October 2016, pp.30
- **A New Approach Using Rational Bezier Curves for Nonparametric Regression Models**  
ERDOĞAN M. S. , EGE ORUÇ Ö.  
30th European Meeting of Statisticians, Amsterdam, Netherlands, 06 July 2015
- **An Alternative Method for Density Estimation Using Rational Bernstein Polynomial**  
ERDOĞAN M. S. , EGE ORUÇ Ö.  
XVth INTERNATIONAL SYMPOSIUM ON ECONOMETRICS, OPERATIONS RESEARCH AND STATISTICS, Edirne, Turkey, 07 May 2015, pp.95-96
- **Regression Modeling Based on Rational Bézier Curves**  
ERDOĞAN M. S. , EGE ORUÇ Ö.  
3rd International Eurasian Conference on Mathematical Sciences and Applications, Viyana, Austria, 25 August 2014, pp.419
- **Selecting The Model Using Penalized Spline Regression with Bayesian Perspective by Real Data**  
ERDOĞAN M. S. , EGE ORUÇ Ö.  
29th European meeting of Statisticians, Budapest 2013, Budapeşte, Hungary, 20 July 2013, pp.107
- **MODELING OF THE RATIOS OF EXPORT TO IMPORT USING SPLINE AND BAYESIAN SPLINE**  
ERDOĞAN M. S. , EGE ORUÇ Ö.  
XIVth International Symposium on Econometrics, Operations Research and Statistics (EYİ 2013), Saraybosna, Bosnia And Herzegovina, 24 May 2013, pp.304

## Invited Congress and Symposium Activities

3rd International Researchers, Statisticians and Young Statisticians Congress (IRSYSC-2017), Attendee, Konya, Turkey, 2017

Xth International Statistics Days Conference (ISDC'2016), Attendee, Giresun, Turkey, 2016

2nd International Conference on Advances in Statistics, Attendee, Zagreb, Croatia, 2016

30th European Meeting of Statisticians, Attendee, Amsterdam, Netherlands, 2015

XVth International Symposium on Econometrics, Operations Research and Statistics (EYİ 2015), Attendee, Edirne, Turkey, 2015

3rd International Eurasian Conference on Mathematical Sciences and Applications, Attendee, Vienna, Austria, 2014

29th European meeting of Statisticians, Attendee, Budapest, Hungary, 2013

XIVth International Symposium on Econometrics, Operations Research and Statistics (EYİ 2013), Attendee, Sarajevo, Bosnia And Herzegovina, 2013

## Citations

Total Citations (WOS):1

h-index (WOS):1