

## Res. Asst. PhD HASAN YILDIRIM

### Personal Information

**Office Phone:** +90 338 226 2000 Extension: 3766

**Other Email:** hasanyildirim@kmu.edu.tr

**Web:** <https://avesis.cu.edu.tr/yildirimh>

**Address:** Karamanoğlu Mehmetbey Üniversitesi, Kamil Özdağ Fen Fakültesi, Matematik Bölümü, 70200, Karaman.

### International Researcher IDs

ScholarID: rVHw0sEAAAAJ

ORCID: 0000-0003-4582-9018

Publons / Web Of Science ResearcherID: C-9091-2018

Yoksis Researcher ID: 25559

### Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, İstatistik, Turkey 2015 - 2020

Postgraduate, Cukurova University, Fen Edebiyat Fakültesi - İstatistik Bölümü, Uygulamalı İstatistik, Turkey 2012 - 2015

Undergraduate, Anadolu University, Faculty Of Science, Department Of Statistics, Turkey 2007 - 2012

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

IT, Information Complexity And Multivariate Modeling In High-Dimensions With Applications, İstanbul University -

Lecturer: Prof. Dr. Hamparsum Bozdogan, 2018

IT, Data Mining Using R, İstanbul University - Lecturer: Prof. Dr. Luis Torgo, 2015

Education Management and Planning, SPSS ile İleri Veri Analizi, -, 2015

### Dissertations

Doctorate, Extreme Learning Machine Based on L1 and L2 Norms, Cukurova University, Fen Bilimleri Enstitüsü, İstatistik, 2020

Postgraduate, UZAKLIK VE BENZERLİK ÖLÇÜLERİNİN İSTATİSTİK ALANINDA Ki KULLANIMI, Cukurova University, Fen Bilimleri Enstitüsü, İstatistik, 2015

### Research Areas

Artificial Intelligence, Computer Learning and Pattern Recognition, Statistics, Statistical Analysis and Applications, Natural Sciences

## Academic Titles / Tasks

Research Assistant PhD, Karamanoglu Mehmetbey University, Kamil Özdağ Faculty Of Science, Department Of Mathematics, 2020 - Continues

Research Assistant, Karamanoglu Mehmetbey University, Kamil Özdağ Faculty Of Science, İstatistik, 2018 - 2020

Research Assistant, Cukurova University, Fen Bilimleri Enstitüsü, İstatistik, 2013 - 2018

Research Assistant, Karamanoglu Mehmetbey University, Kamil Özdağ Faculty Of Science, İstatistik, 2012 - 2013

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **An Enhanced Extreme Learning Machine Based on Liu Regression**  
Yıldırım H., Özkale M. R.  
NEURAL PROCESSING LETTERS, vol.52, no.1, pp.421-442, 2020 (SCI-Expanded)
- II. **A Comprehensive Comparison of Machine Learning Algorithms on Diagnosing Asthma and COPD**  
Yıldırım H., Bolat E., Yurtseven E.  
Ponte, vol.76, no.3, pp.234-254, 2020 (AHCI)
- III. **The performance of ELM based ridge regression via the regularization parameters**  
Yıldırım H., Özkale M. R.  
EXPERT SYSTEMS WITH APPLICATIONS, vol.134, pp.225-233, 2019 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Property Value Assessment Using Artificial Neural Networks, Hedonic Regression and Nearest Neighbors Regression Methods**  
YILDIRIM H.  
Selcuk University Journal of Engineering, Science and Technology, vol.7, no.2, pp.387-404, 2019 (Peer-Reviewed Journal)
- II. **Comparison of Provinces of Turkey In Terms of Accessing Health Care Services by Using Different Clustering Algorithms**  
YILDIRIM H.  
Eskişehir Technical University Journal of Science and Technology A - Applied Sciences and Engineering, vol.19, no.4, pp.907-925, 2018 (Peer-Reviewed Journal)
- III. **İkili Benzerlik Ölçülerinin İncelenmesi (Investigating Binary Similarity Measures)**  
YILDIRIM H., SAKALLIOĞLU S.  
Çukurova Üniversitesi, Journal of Science and Engineering, vol.34, no.4, pp.100-109, 2016 (Non Peer-Reviewed Journal)
- IV. **Investigating Binary Similarity Measures**  
YILDIRIM H., SAKALLIOĞLU S.  
Çukurova Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.34, no.4, pp.100-109, 2016 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **The Performance of ELM Based Ridge Regression via The Regularization Parameters**  
YILDIRIM H., ÖZKALE ATICIOĞLU M. R.  
International Congress on Statistics, Mathematics and Analytical Methods, İstanbul, Turkey, 28 March 2019, pp.308
- II. **A New Extreme Learning Machine Algorithm Using Liu Regression**  
Yıldırım H., ÖZKALE M. R.  
2nd International Congress on Statistics Mathematics and Analytical Methods, İstanbul, Turkey, 18 March 2019, pp.309

- III. **Property Value Assessment Using Artificial Neural Networks, Hedonic Regression and Nearest Neighbors Regression Methods**  
YILDIRIM H.  
1st International Conference on Data Science and Applications(ICONDATA) 2018, Yalova, Turkey, 4 - 07 October 2018
- IV. **Examination of Provinces of Turkey In Terms of Accessing Health Care Services by Using Different Clustering Algorithms**  
YILDIRIM H.  
1st International Conference on Data Science and Applications(ICONDATA) 2018, Yalova, Turkey, 4 - 07 October 2018
- V. **On The Examination of PISA 2015 Scores via Hierarchical and Non-Hierarchical Clustering Methods**  
YILDIRIM H.  
International Congress on Fundamental and Applied Sciences 2017 (ICFAS2017), Saraybosna, Bosnia And Herzegovina, 21 - 25 August 2017, pp.90
- VI. **Extracting Clusters between Turkeys Cities Based on Human Development Index: A Comparison of Clustering Methods**  
YILDIRIM H.  
3rd International Researchers, Statisticians And Young Statisticians Congress, Konya, Turkey, 24 - 26 May 2017, pp.145
- VII. **Determining the efficiency of classification algorithms on different data sets**  
YILDIRIM H., ÖZKALE M. R.  
1st International Mediterranean Science and Engineering Congress (IMSEC2016), Adana, Turkey, 26 - 28 October 2016, pp.4348
- VIII. **İkili Uzaklık ve Benzerlik Ölçülerinin Kümeleme Analizi Üzerindeki Etkisinin İncelenmesi- Gerçek Veri Üzerine Bir Uygulama**  
YILDIRIM H., SAKALLIOĞLU S.  
XVI. Ulusal Biyoistatistik Kongresi, Antalya, Turkey, 10 - 12 September 2014, pp.50
- IX. **Investigating Binary Similarity And Dissimilarity Measures 3rd International Eurasian Conference On Mathematical Sciences and Applications**  
YILDIRIM H., SAKALLIOĞLU S.  
3rd International Eurasian Conference On Mathematical Sciences and Applications (IECMSA 2014), Vienne, Austria, 25 - 28 August 2014
- X. **Investigating Binary Similarity And Dissimilarity Measures**  
YILDIRIM H., SAKALLIOĞLU S.  
3rd International Eurasian Conference On Mathematical Sciences and Applications (IECMSA 2014), Vienna, Austria, 25 - 28 August 2014, pp.1

## **Metrics**

Publication: 17

Citation (WoS): 18

Citation (Scopus): 26

H-Index (WoS): 2

H-Index (Scopus): 2

## **Congress and Symposium Activities**

International Congress on Statistics, Mathematics and Analytical Methods, Attendee, İstanbul, Turkey, 2019

1st International Conference on Data Science and Applications(ICONDATA) 2018, Attendee, Yalova, Turkey, 2018

International Congress on Fundamental and Applied Sciences 2017 (ICFAS2017), Attendee, Sarajevo, Bosnia And Herzegovina, 2017

3rd International Researchers, Statisticians and Young Statisticians Congress (IRSYSC2017), Attendee, Konya, Turkey, 2017

1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Attendee, Adana, Turkey, 2016

12. Uluslararası İstatistik Öğrenci Kolokyumu, Attendee, Samsun, Turkey, 2015

3rd International Eurasian Conference On Mathematical Sciences and Applications (IECMSA 2014), Attendee, Wien, Austria, 2014

11. Uluslararası İstatistik Öğrenci Kolokyumu, Attendee, İstanbul, Turkey, 2014

8. Uluslararası İstatistik Kongresi (ISTKON8), Attendee, Antalya, Turkey, 2013

## **Non Academic Experience**

Tahliz İstatistik Yazılım Ltd Şti.