

YRD. DOÇ. DR. ALİ ZAFER DALAR

ÖZGEÇMİŞ VE ESER LİSTESİ

1. **Adı Soyadı:** Ali Zafer DALAR

2. **Doğum Tarihi:** 23.07.1986

3. **Unvanı:** Yrd. Doç. Dr.

4. **Öğrenim Durumu:**

Derece	Alan	Üniversite	Yıl
Lisans	İstatistik	Ondokuz Mayıs Üniversitesi	2009
Y. Lisans	İstatistik	Ondokuz Mayıs Üniversitesi	2012
Doktora	İstatistik	Ondokuz Mayıs Üniversitesi	2017

5. **Akademik Unvanlar:**

Yardımcı Doçentlik Tarihi : 06.11.2017

Doçentlik Tarihi : -----

Profesörlük Tarihi : -----

6. **Yönetilen Yüksek Lisans ve Doktora Tezleri**

6.1. **Yüksek Lisans Tezleri**

6.2. **Doktora Tezleri**

7. **Yayımlar**

7.1. **Uluslararası hakemli dergilerde yayınlanan makaleler (SCI & SSCI & Arts and Humanities)**

1. Egrioglu, E., Yolcu, U., Bas, E., **Dalar, A.Z.**, 2017, Median-Pi artificial neural network for forecasting, *Neural Computing and Applications*, (Online Published), 01-10, doi: 10.1007/s00521-017-3002-z.
2. Aladag, C.H., Yolcu, U., Egrioglu, E., **Dalar A.Z.**, 2012, A new time invariant fuzzy time series forecasting method based on particle swarm optimization, *Applied Soft Computing*, 12, 3291-3299.

7.2. **Uluslararası diğer hakemli dergilerde yayınlanan makaleler**

1. Bas, E., Yolcu, U., Egrioglu, E., Cagcag Yolcu, O., **Dalar, A.Z.**, 2016, Single Multiplicative Neuron Model Artificial Neuron Network Trained by Bat Algorithm for Time Series Forecasting, *American Journal of Intelligent Systems*, 6(3), 74-77.
2. Egrioglu, E., Aladag, C.H., Yolcu, U., **Dalar, A.Z.**, 2016, A Hybrid High Order Fuzzy

Time Series Forecasting Approach Based on PSO and ANNs Methods, *American Journal of Intelligent Systems*, 6(1), 22-29.

3. Egrioglu, E., Aladag, C.H., Yolcu, U., **Dalar, A.Z.**, 2015, A New Hybrid Fuzzy Time Series Forecasting Approach Based on Intelligent Optimization, *American Journal of Intelligent Systems*, 5(4), 97-108.
4. Aladag, C.H., Turksen, I.B., **Dalar, A.Z.**, Egrioglu, E., Yolcu, U., 2014, Application of type-1 fuzzy functions approach for time series forecasting, *Turkish Journal of Fuzzy Systems*, 5(1), 1-9.
5. **Dalar, A.Z.**, Egrioglu, E., Yolcu, U., Ilter, D., Gundogdu, O., 2014, An investigation of Differencing Effect in Multiplicative Neuron Model Artificial Neural Network for Istanbul Stock Exchange Time Series Forecasting, *American Journal of Intelligent Systems*, 4(1), 15-19.

7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (Proceedings) basılan bildiriler

1. Yolcu, U., Egrioglu, E., Bas, E., **Dalar, A.Z.**, Cagcag Yolcu, O., Robust Single Multiplicative Neuron Model Artificial Neural Network with Adaptive Weights and Biases for Forecasting, *1st International Symposium on Economics, Finance and Econometrics*, Istanbul, Turkey, Sep 21-23, 2017.
2. **Dalar, A.Z.**, Bas, E., Yolcu, U., Egrioglu, E., Bagging Fuzzy Ridge Regression Functions Approach for Forecasting, *3rd International Researchers, Statisticians and Young Statisticians Congress (IRSYSC 2017)*, Konya, Turkey, May 24-26, 2017.
3. Gundogdu, O., Egrioglu, E., Yolcu, U., Bas, E., **Dalar, A.Z.**, Bootstrapped Robust Pi-Sigma Artificial Neural Network Based on Robust Learning Algorithm, *3rd International Researchers, Statisticians and Young Statisticians Congress (IRSYSC 2017)*, Konya, Turkey, May 24-26, 2017.
4. Egrioglu, E., Yolcu, U., Bas, E., **Dalar, A.Z.**, A hybrid forecasting method based on exponential smoothing and multiplicative neuron model artificial neural network, *3rd International Researchers, Statisticians and Young Statisticians Congress (IRSYSC 2017)*, Konya, Turkey, May 24-26, 2017.
5. Yolcu, U., Egrioglu, E., Bas, E., **Dalar, A.Z.**, IID Bootstrap Approach with Rejection Sampling for Pi-Sigma Artificial Neural Network, *3rd International Researchers, Statisticians and Young Statisticians Congress (IRSYSC 2017)*, Konya, Turkey, May

24-26, 2017.

6. **Dalar, A.Z.**, Egrioglu, E., T1FF based on Bootstrap Method with Rejection Sampling for Time Series Forecasting, *Xth International Statistics Days Conference 2016 (ISDC'2016)*, Giresun, Turkey, October 07-09, 2016.
7. **Dalar, A.Z.**, Egrioglu, E., Bootstrap Type-1 Fuzzy Functions Approach for Forecasting, *International Conference on Trends and Perspectives in Linear Statistical Inference (LinStat'16)*, Istanbul, Turkey, August 22-25, 2016.
8. Kocak, C., **Dalar, A.Z.**, Yolcu, O.C., Egrioglu, E., A New Fuzzy Time Series Approach based on Recurrent Pi-Sigma Neural Network, *International Conference on Trends and Perspectives in Linear Statistical Inference (LinStat2016)*, Istanbul, Turkey, August 22-25, 2016.
9. Egrioglu, E., **Dalar, A.Z.**, Yolcu, U., Bas, E., Median-Pi Artificial Neural Network for Forecasting, *International Conference on Trends and Perspectives in Linear Statistical Inference (LinStat2016)*, Istanbul, Turkey, August 22-25, 2016.
10. **Dalar, A.Z.**, Egrioglu, E., İşsizlik ve Enflasyon Arasındaki İlişkinin Klasik Yöntemler ve Yapay Sinir Ağları ile İncelenmesi, *International Congress on European Union Relations, Economics, Finance and Econometrics (EUREFE'16)*, Aydın, Türkiye, 14-16 Temmuz, 2016.
11. Egrioglu, E., **Dalar, A.Z.**, İstihdam Rakamlarının Esnek Hesaplama Öngörü Yöntemleri ile Öngörülmesi, *International Congress on European Union Relations, Economics, Finance and Econometrics (EUREFE'16)*, Aydın, Türkiye, 14-16 Temmuz, 2016.
12. **Dalar, A.Z.**, Yolcu, U., Bas, E., Egrioglu, E., Bootstrap Fuzzy Functions for Time Series Forecasting: Application of Borsa Istanbul, *17th International Symposium on Econometrics, Operations Research and Statistics (ISEOS 2016)*, Sivas, Türkiye, 2-4 Haziran, 2016.
13. **Dalar, A.Z.**, Yolcu, U., Egrioglu, E., Aladag, C.H., Forecasting Turkey Electric Consumption by Using Fuzzy Function Approach, Proceeding ITISE 2015, page 543, *International Work Conference on Time Series Analysis (ITISE 2015)*, Granada, Spain, July 1-3, 2015.
14. **Dalar, A.Z.**, Egrioglu, E., Cagcag Yolcu, O., Aladag, C.H., The Type-1 Fuzzy Function Approach Based on Artificial Neural Network for Forecasting, *International Journal of Arts & Sciences' (IJAS) The Euro-American Conference for Academic Disciplines*, Paris, France, April 13-16, 2015.

15. Ilter, D., Karaahmetoglu, E., Gundogdu, O., **Dalar, A.Z.**, An Experimental Study for Transforming and Differencing Effects in Multiplicative Neuron Model Artificial Neural Network for Time Series Forecasting, *The 8th International Days of Statistics and Economics*, Prague, Czech Republic, September 11-13, 2014.(CPCI)
16. Ilter, D., **Dalar, A.Z.**, Gundogdu, O., Egrioglu, E., Yolcu, U., An Investigation of Differencing effect in Multiplicative Neuron Model Artificial Neural Network for Time Series Forecasting, *9th International Statistics Days Symposium (ISDS2014, IGS2014)*, Antalya, Turkey, 2014.
17. **Dalar, A.Z.**, Aladag, C.H., Yolcu, U., Egrioglu, E., Comparison of Type-1 Fuzzy Function Approach and Traditional Forecasting Methods for Istanbul Stock and Bond Exchange Time Series, *International Journal of Arts & Sciences' (IJAS) International Conference for Technology and Science*, Vienna, Austria, 2014.
18. Egrioglu, E., Aladag, C.H., Yolcu, U., **Dalar, A.Z.**, A new neural network model with deterministic trend component for time series forecasting, *International Journal of Arts & Sciences' (IJAS) International Conference for Technology and Science*, Vienna, Austria, 2014.
19. **Dalar, A.Z.**, Egrioglu, E., Yolcu, U., Aladag, C.H., Turksen, I.B., Tip 1 Bulanık Fonksiyon Yaklaşımının Zaman Serilerinde Bir Uygulaması, *8th International Statistics Congress*, Antalya, Turkey, 2013.
20. Egrioglu, E., Aladag, C.H., Yolcu, U., **Dalar, A.Z.**, A hybrid fuzzy time series method based on particle swarm optimization and feed forward neural networks, *8. Uluslararası İstatistik Günleri Sempozyumu (IGS 2012)*, Eskisehir, Turkey, 2012.
21. Alpaslan, F., Egrioglu, E., Aladag C.H., Ilter, D., **Dalar, A.Z.**, Comparison of multiplicative neuron models using ABC and BP training algorithms: an application to Istanbul gold exchange, *8. Uluslararası İstatistik Günleri Sempozyumu (IGS 2012)*, Eskisehir, Turkey, 2012.
22. Egrioglu, E., Yolcu, U., Aladag, C.H., **Dalar, A.Z.**, Parçacık sürü optimizasyonu ve bulanık kümelemeye dayalı yeni bir zaman değişmez bulanık zaman serisi analizi yöntemi, *7th International Statistics Congress*, Antalya, Turkey, 2011.

7.4. Yazılan uluslararası kitaplar veya kitaplarda bölümler

1. **Dalar, A.Z.**, Egrioglu, E., Aladag, C.H., Yolcu, U., Fuzzy Functions Approach for Time Series Forecasting, *Advances in Time Series Forecasting*, Vol. 2, 144-155, Bentham Science Publishers, 2017.

- Egrioglu, E., Aladag, C.H., Yolcu, U., Bas, E., **Dalar, A.Z.**, A New Neural Network Model with Deterministic Trend and Seasonality Components for Time Series Forecasting, *Advances in Time Series Forecasting*, Vol. 2, 76-92, Bentham Science Publishers, 2017.

7.5. Ulusal hakemli dergilerde yayınlanan makaleler

- Alpaslan, F., Egrioglu, E., Aladag C.H., Ilter, D., **Dalar, A.Z.**, Tek çarpımsal sinir hücreli yapay sinir ağı modelinin eğitimi için ABC ve BP yöntemlerinin karşılaştırılması, *Anadolu Üniversitesi Bilim ve Teknoloji Dergisi A-Uygulamalı Bilimler ve Mühendislik*, 14(3), 315-328, 2013.

7.6. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

7.7. Diğer yayınlar

7.8. Uluslararası atıflar

Scopus'a göre atıf Sayısı: 40

Web of Science'a göre atıf sayısı: 32

8. Ulusal & Uluslararası Projeler

- Parçacık Sürü Optimizasyonu ve Yapay Sinir Ağlarına Dayalı Yeni Bir Bulanık Zaman Serisi Öngörü Yöntemi, TÜBİTAK 1002 Projesi, (210T150 Nolu Proje), 2012. (**Bursiyer**)

9. İdari Görevler

10. Bilimsel ve Mesleki Kuruluşlara Üyelikler

11. Ödüller

12. Son iki yılda verdiğiniz lisans ve lisansüstü düzeydeki dersler için aşağıdaki tabloyu doldurunuz.

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2017-2018	Güz				
	Bahar				

13. Faaliyetler

1. Erasmus+ Öğrenci Hareketliliği Programı – Plzen/Çek Cumhuriyeti, West Bohemia Üniversitesi, Matematik Bölümü, Eylül 2014 – Haziran 2015.