

EK-3

ÖZGEÇMİŞ

1. Adı Soyadı : Nuriye Sancar
2. Doğum Tarihi : 23.12.1989
3. Unvanı : Doç. Dr.
4. Öğrenim Durumu : Doktora
5. Çalıştığı Kurum : Yakın Doğu Üniversitesi

Derece	Alan	Üniversite	Yıl
Lisans	Uygulamalı Matematik ve Bilgisayar	Doğu Akdeniz Üniversitesi	2010
Y.Lisans	Matematik	Yakın Doğu Üniversitesi	2012
Doktora	Matematik	Yakın Doğu Üniversitesi	2018

5. Akademik Unvanlar

- Yardımcı Doçentlik Tarihi : 2018
Doçentlik Tarihi :2021

6. Yönetilen Yüksek Lisans ve Doktora Tezleri

6.1. Yüksek Lisans Tezleri

- Bahzad Hasan Ali Khalil, Solution To Multicollinearity Problem In Binary Logistic Regression: Ridge Logistic And Liu-Type Logistic Estimators, Near East University, Graduate School of Applied Sciences, Department of Mathematics, 2020.
- Karwan Mohammed Eisif, An Alternative Method For Detection Of Influential Observations In Logistic Regression Model Based On Binary Particle Swarm Optimization, Near East University, Graduate School of Applied Sciences, Department of Mathematics, 2021.
- Ayad Bacar, Comparison Of The Regularized Variable Selection Methods in Logistic Regression Model With High Dimensional Data, 2023

7. Yayınlar

7.1. Uluslararası hakemli dergilerde yayımlanan makaleler (SCI,SSCI,Arts and Humanities)

- Sancar, N., Andrieu, M. N., Hıncal, E., Granit, D. (2017). Cancer Incidence 2010-2014 Among the North Cyprus Population of Adults Aged 15 and Over. Turkish Journal Of Oncology, 32(2): 43-54. doi: 10.5505/tjo.2017.1583
- Kazıkdaş, K.Ç., Yalçınözan, E.T., Tınazlı, R., Şafakoğulları, H. & Sancar, N. (2018). Open Access Publishing in Otorhinolaryngology: An Emerging Trend among Turkish Scientists?. Cyprus Journal of Medical Sciences, 3(3): 164-167. <https://doi.org/10.5152/cjms.2018.634>
- Tınazlı, M., Becer, E., Sancar, N., Özgöl, Y. & Cerit, L. (2018). Prevalence of Metabolic Syndrome in Routine Check-Up Program in Cyprus. American Journal of Cardiology, 121(8). <https://doi.org/10.1016/j.amjcard.2018.03.247>

- Çakıcı, M., Sancar, N., Buran, A., Yılmaz, B. & Çakır, G. (2019). Near Miss Scale: a new measurement tool for determining gambling tendency. *Alpha Psychiatry* 2019, 20(1): 104-107. <https://doi.org/10.5455/apd.73381>
- Sancar, N., & Inan, D. (2020). Identification of influential observations based on binary particle swarm optimization in the cox PH model. *Communications in Statistics-Simulation and Computation*, 49(3), 567-590. <https://doi.org/10.1080/03610918.2019.1682156>
- Inan, D., & Sancar, N. (2020). Particle swarm optimization based ridge logistic estimator. *Communications in Statistics-Simulation and Computation*, 49(3), 669-683. <https://doi.org/10.1080/03610918.2020.1713361>
- Sancar, N., & Inan, D. (2020). A new alternative estimation method for Liu-type logistic estimator via particle swarm optimization: an application to data of collapse of Turkish commercial banks during the Asian financial crisis. *Journal of Applied Statistics*, 1-16. <https://doi.org/10.1080/02664763.2020.1837085>
- Çakıcı, M., Sancar, N., Buran, A., Çakır Şahan, G., & Yılmaz, B. (2022). Development and Validation of a Near Miss Scale for Assessing Gambling Tendency. *Journal of Gambling Studies*, 38(3), 1045-1058.
- Mullaaziz, D., Maden, S., & Sancar, N. (2022). Investigation of Urinary Findings in Urticaria Patients. *Cyprus Journal of Medical Sciences*, 7(6). DOI: 10.4274/cjms.2022.2021-244
- Tınazlı, M., Sancar, N., Güvenir, M. & Granit Semavi, D. (2022). Association between vitamin D and uric acid among north cyprus adults: first preliminary report . *Journal of Istanbul Faculty of Medicine*, 85 (4), 564-571. DOI: 10.26650/IUITFD.1078093
- Cavus, N., & Sancar, N. (2023). The importance of digital signature for all sectors during the Covid-19 pandemic: A scale development study. *Sustainability*, 15(6), 5008, <https://doi.org/10.3390/su15065008>
- Sancar, N. & Tabrizi, S.S. (2023) Machine learning approach for the detection of vitamin D level: a comparative study. *BMC Med Inform Decis Mak* 23, 219.
- Sancar, N., E. P. Onakpojeruo, D. Inan & D. Uzun Ozsahin (2023) Adaptive Elastic Net Based on Modified PSO for Variable Selection in Cox Model With High-Dimensional Data: A Comprehensive Simulation Study. *IEEE Access*, vol. 11, pp. 127302-127316, 2023, doi: 10.1109/ACCESS.2023.3329386.
- Sancar, N., & Cavus, N. (2023). A Novel Scale for Evaluating Digital Readiness toward Earthquakes: A Comprehensive Validity and Reliability Analysis. *Sustainability*, 16(1), 252.

7.2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler

- Akyurek, S., Sancar, N. & Sadikoglu, G. (2024). The Effect of Locus of Control and Thinking Style on Impulse Buying Behaviour. *Lecture Notes in Networks and Systems*, Springer.

7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

- Sancar, N. & Tinazli, M. (2016). Development of an Intelligent model to Estimate the probability of having metabolic syndrome. *Procedia Computer Science* 102, 106-112. (12th International Conference on Application of Fuzzy Systems and Soft Computing, ICAFS 2016, 29-30 August 2016, Vienna, Austria) . (Web of Science)
- Tabrizi, S. S., & Sancar, N. (2017). Prediction of Body Mass Index: A comparative study of multiple linear regression, ANN and ANFIS models. *Procedia Computer Science*, 120, 394-401.(9th International Conference on Theory and Application of Soft Computing, Computing with Words and Perception (ICSCCW-2017). (Web of Science)
- Ibrahim, S. S., Celebi, A., Ozdeser, H.,& Sancar, N. (2017). Modelling the impact of energy consumption and environmental sanity in Turkey: A STIRPAT framework. *Procedia Computer Science*, 120, 229-236. (9th International Conference on Theory and Application of Soft Computing, Computing with Words and Perception. (Web of Science)
- Sancar, N., & Tabrizi, S. S. (2017). Body Mass Index Estimation by Using an Adaptive Neuro Fuzzy Inference System. *Procedia Computer Science*,108,2501- 25. The International Conference on Computational Science, ICCS 2017 – Zürich, Switzerland. (Web of Science)
- Sancar, N., Tinazli, M. & Tabrizi, S.S., (2018). Prediction of Mechanical Lower Back Pain for Healthcare Workers Using ANN and Logistic Regression Models. In *International Conference on Theory and Applications of Fuzzy Systems and Soft Computing* (pp. 781-789). Springer, Cham. (Web of Science)
- Sancar, N., & Cavus, N. (2021). Determining the awareness of users towards Esignature: A scale development study. In *AIP Conference Proceedings* (Vol. 2325, No. 1, p. 020038). AIP Publishing LLC. (Web of Science)
- Sancar, N., & Tinazli, M. (2023). A statistical model to predict vitamin D deficiency in North Cyprus. In *AIP Conference Proceedings* (Vol. 2781, No. 1). AIP Publishing. (Web of Science)
- Tabrizi, S.S., Sancar, N., Sadikoğlu G. (2024). .Detection of Eye Staring for Early Warning of Digital Eye Strain in VDT Users: An Analysis using Haar Cascade Algorithm. 16th International Conference on Applications of Fuzzy Systems, Soft Computing and Artificial Intelligence Tools ICAFS 2023. (Web of Science)
- Cavus, N. Sancar, N. And Ubah, A. (2024). Delving into the Efficiency of AI Technologies within the Financial Sector: A Systematic Literature Review. 16th International Conference on Applications of Fuzzy Systems, Soft Computing and Artificial Intelligence Tools ICAFS 2023. (Web of Science)
- **Sancar, N.** et al. (2024). A Clinically Acceptable Ordinal Logistic Model to Determine Risk Factors Associated with Lung Cancer Levels. In *AIP Conference Proceedings* (Vol. 3085). AIP Publishing. (In Press, Web of Science)

- **Sancar, N.** et al. (2024). A Comparative Study of Statistical Models for Forecasting Covid-19 cases in Greece. In AIP Conference Proceedings (Vol. 3085). AIP Publishing. (In Press, Web of Science)
- Aghamiri, S., Maipanuku JY., Omonayajo, B., & **Sancar, N.** (2024). Comparison of Machine Learning Models of Long Short-Term Memory and Facebook Prophet Model in Ethereum Gas Fee Determinant. In AIP Conference Proceedings (Vol. 3085). AIP Publishing. (In Press, Web of Science).
- Sancar, N. Application of Binary Logistic Regression on Coronary Heart Disease risk factors in North Cyprus. International Conference on Trends and Perspectives in Linear Statistical Inference, 22-25 August 2016 İstanbul-Turkey
- Sancar, N., Tabrizi, S. S.(2017). Comparison of Artificial Neural Network and Multiple Linear Regression Models for the Prediction of Body Mass Index. In 3 rd International researchers, statisticians and young statisticians congress 24-26 May 2017 Selçuk University, Konya, Turkey.
- Sancar, N., & Inan, D. (2018). A novel method for detection of influential data points in Cox model, International Conference on Trends and Perspectives in Linear Statistical Inference 20-24 August 2018, Beđlewo-Poland.
- Inan, D., & Sancar, N. (2018). Particle swarm optimization-based ridge logistic estimator. International Conference on Trends and Perspectives in Linear Statistical Inference 20-24 August 2018, Beđlewo-Poland.
- Sancar, N., & Inan, D. (2019). Liu-type Logistic Estimator based on Particle Swarm Optimization, 21st European Young Statisticians Meeting, 29 July - 02 August 2019, Belgrade-Serbia.
- Sancar, N., & Inan, D. (2019). Estimating Optimal Value for the Shrinkage and Biasing Parameters in Liu-Type Logistic Regression based on Particle Swarm Optimization, 11th International Statistics Congress, 04-08 October 2019 Bodrum, Mugla, Turkey.
- Sancar, N., & Inan, D. (2022). A novel PSO-based Robust Elastic Net Approach in Cox PH Model with High Dimensional Dataset. 6th International Symposium of Researchers, Statisticians, and Young Statisticians (IRSYSC2022), 3-6 November 2022, Antalya, Turkey.

7.6. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

- **Sancar, N.** (2018). Identification of the effective observation set in the Cox PH model based on the Binary Particle Swarm Optimization approach. 3. Statistics and Flexible Computing Workshop, Bartın University, Turkey.
- Christiana Chioma Efe Onakpojeruo, Nuriye Sancar and Nadire Cavus (2023) A Systematic Literature Review on the Risk-Based Management Systems of Water Resources. 6th International Conference on Natural Resources and Sustainable Environmental Management (NRSEM-2023, 15-17 December

- Oke Oluwafemi Ayotunde, Nuriye Sancar and Nadire Cavus (2023). Building Tomorrow: Green and Sustainable Imperatives in Smart City Development.. 6th International Conference on Natural Resources and Sustainable Environmental Management (NRSEM-2023, 15-17 December
- Oke Oluwafemi Ayotunde, Nuriye Sancar and Nadire Cavus (2023). The Future of Water Management: IoT-based Solutions for Intelligent Distribution Design. 3rd International Conference of Water Problems in Mediterranean Countries (WPMC-2023), 14-16 December.

8. Projeler

- 2016-2018 –Veri analisti, “Çağın Pandemisi: Kuzey Kıbrıs Türk Cumhuriyeti'nde D vitamini eksikliği eksikliği ve olası nedenlerinin araştırılması”. YDU-BAP.
- 2016-2018 –Veri analisti, “Kuzey Kıbrıs Türk Cumhuriyeti'nde Sağlık Turizmi”

9. İdari Görevler

Dönem		Pozisyon
2022-	Bilgisayar Enformasyon Sistemleri Araştırma ve Teknoloji Merkezi (BESATEM)	Müdür Yardımcısı
2020-2021	Fen Bilimleri Enstitüsü	Müdür Yardımcısı

10. Bilimsel ve Mesleki Kuruluşlara Üyelikler

- y-BIS 2019 Konferans, Bilimsel Kurul Üyesi. ISBIS Young Business and Industrial Statisticians Workshop on Recent Advances in Data Science and Business, İstanbul, Turkey, 25-28 September 2019.
- ICAAM 2022, Bilimsel Kurul Üyesi. Sixth International Conference on Analysis and Applied Mathematics, October 30- November 6, 2022, Antalya, Turkey.
- GLOBE 2024 Bilimsel Kurul Üyesi. the 11th Global Conference on Business and Economics. University of South Florida St Pete campus in St Pete, Florida, USA, March 3-6, 2024.
- UYIK 2024 Organizasyon Komite Uyesi, International Applied Statistics Conference, May 2024

11. Ödüller

- Sınıf birincisi (2010). Doğu Akdeniz Üniversitesi, Uygulamalı Matematik ve Bilgisayar Bölümü
- YDU (2016) – Bilim ödülü
- NEU (2019) - Bilim ödülü
- NEU (2020) - Bilim ödülü
- NEU (2021) – Bilim ödülü

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	
2021-2022	Güz	MAT 251 Olasılık ve İstatistik	3	0	15
		MAT131 Turizm öğrencilerine yönelik Matematik	3	0	54
		MAT141 Matematik 1	3	0	29
		MAT171 İşletme ve Ekonomi için Matematik 1	3	0	101
		MTH262 Statistics 2	3	0	45
		MTH261 Statistics 1	3	0	58
		MAT201 İleri Matematik	3	0	2
	İlkbahar	MAT262 İstatistik 2	3	0	36
		MTH131 Mathematics for Hospitality Industry	3	0	47
		MTH261 Statistics 1	3	0	57
		MAT 263 İleri Matematik	3	0	2
		MAT251 Olasılık ve İstatistik	3	0	14
		CIS638 Data Science with R Programming	2	1	7
		2022-2023	Güz	CIS638 Data Science with R Programming	2
AKT204 Sigorta İstatistiği	3			0	2
MAT109 Matematiksel Analiz 1	3			0	26
MAT131 Turizm Öğrencilerine Yönelik Matematik	3			0	87
MAT141 Matematik ve Geometri	3			0	70
MAT171 İşletme ve Ekonomi için Matematik 1	3			0	119
MAT251 Olasılık ve İstatistik	3			0	25

		MAT262 İstatistik 2	3	0	23
		MAT117 Temel Matematik	3	0	92
	Ilkbahar	GEC228 Statistics 2 with SPSS	2	1	74
		MAT171 İşletme ve Ekonomi için Matematik 1	3	0	97
		MAT251 Olasılık ve İstatistik	3	0	15
		MAT172 İşletme ve Ekonomi için Matematik 2	3	0	80
		MTH472 R Programming Language	2	1	7
		MTH538 Data Science with R Programming Language	2	1	2
		MTH561 Statistics and SPSS Applications in Social Sciences	2	1	14