

Assoc. Prof. NİLGÜN YILDIZ

Personal Information

Fax Phone: [+90 0216 346 4553](tel:+9002163464553)

Email: ncelebi@marmara.edu.tr

Other Email: ncelebiyil@gmail.com

Web: <https://avesis.marmara.edu.tr/ncelebi>



International Researcher IDs

ORCID: 0000-0002-4084-1969

Yoksis Researcher ID: 172032

Education Information

Undergraduate, Marmara University, Atatürk Faculty of Education, Mathematics and Science Education, Turkey 2014 - 2018

Doctorate, Marmara University, Faculty of Arts and Sciences, Turkey 2003 - 2009

Postgraduate, Marmara University, Faculty of Arts and Sciences, Mathematics, Turkey 1999 - 2002

Dissertations

Doctorate, Meta-analizinde heterojenliğin ve farklı varyans tahmin yöntemlerinin incelenmesi, Marmara Üniversitesi, Faculty of Arts and Sciences, 2009

Postgraduate, Verilerin değerlendirilmesinde meta analizi, Marmara Üniversitesi, Faculty of Arts and Sciences, Mathematics, 2002

Research Areas

Statistics, Statistical Analysis and Applications

Academic Titles / Tasks

Associate Professor, Marmara University, Faculty of Arts and Sciences, Mathematics, 2018 - Continues

Assistant Professor, Marmara University, Faculty of Arts and Sciences, Mathematics, 2010 - Continues

Courses

matematik istatistik, Undergraduate, 2023 - 2024

İstatistik, Undergraduate, 2023 - 2024

Olasılık, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2012 - 2013

İstatistik, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018

Matematik İstatistik, Undergraduate, 2019 - 2020, 2018 - 2019

IST4052.1, Undergraduate, 2019 - 2020, 2018 - 2019

Matematik İstatistik, Undergraduate, 2019 - 2020, 2018 - 2019
probability, Undergraduate, 2019 - 2020, 2018 - 2019, 2016 - 2017
İstatistik, Undergraduate, 2019 - 2020
İstatistik, Undergraduate, 2019 - 2020
İstatistik , Undergraduate, 2019 - 2020, 2018 - 2019, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2012 - 2013
statistics, Undergraduate, 2019 - 2020, 2018 - 2019
İleri İstatistik Teorisi I, Postgraduate, 2019 - 2020, 2018 - 2019, 2014 - 2015
İstatistik, Undergraduate, 2018 - 2019
İleri Regresyon Analizi I, Postgraduate, 2018 - 2019
İstatistik, Undergraduate, 2018 - 2019
İleri İstatistik Teorisi II, Postgraduate, 2017 - 2018
MATEMATİK I, Undergraduate, 2017 - 2018
Diferansiyel Denklemler , Undergraduate, 2017 - 2018
Matematik I, Undergraduate, 2017 - 2018
İstatistik ve Olasılık I, Undergraduate, 2016 - 2017
Olasılık, Undergraduate, 2015 - 2016
İstatistik ve Olasılık I, Undergraduate, 2016 - 2017
İstatistik ve Olasılık I, Undergraduate, 2016 - 2017
Lineer Cebir II, Undergraduate, 2014 - 2015
İleri Regresyon Analizi II, Postgraduate, 2013 - 2014
İleri İstatistik Teorisi II, Postgraduate, 2013 - 2014
Biyostatistik, Undergraduate, 2013 - 2014
Biyostatistik, Undergraduate, 2013 - 2014
Genel Matematik , Undergraduate, 2013 - 2014
Genel Matematik , Undergraduate, 2013 - 2014
Diferansiyel Denklemler II, Undergraduate, 2012 - 2013
Diferansiyel Denklemler, Undergraduate, 2013 - 2014, 2012 - 2013
İleri Olasılık Kuramı I, Postgraduate, 2013 - 2014
Sosyal Bilimlerde Araştırma Yöntemleri, Postgraduate, 2011 - 2012
Sosyal Bilimlerde Araştırma Yöntemleri, Postgraduate, 2011 - 2012
Sosyal Bilimlerde Araştırma Yöntemleri, Postgraduate, 2011 - 2012

Advising Theses

Eminoğlu Küçüktepe S., Yıldız N., Ortaokul öğrencilerinin eleştirel düşünme becerisi üzerine bir meta-analiz çalışması, Postgraduate, E.ASLANYÜREK(Student), 2021
Yıldız N., COX REGRESYON MODELİNDE SAĞKALIM FONKSİYON PARAMETRELERİNİN DÜZELTİLMİŞ DENEYSEL OLABİLİRLİK YÖNTEMİ İLE TAHMİN EDİLMESİ, Postgraduate, K.ORAN(Student), 2020
Yıldız N., Empirical likelihood inference for the survival function parameter, Postgraduate, E.ÖZER(Student), 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Statistical optimization and selective uptake of Au(III) from aqueous solution using carbon nanotube-cellulose based adsorbent**
BİRTANE H., Urucu O., YILDIZ N., Çiğil A. B., KAHRAMAN M. V.
MATERIALS TODAY COMMUNICATIONS, vol.30, 2022 (SCI-Expanded)
- II. **Multivariate optimisation of a novel green microextraction method for Fe (III) determination in environmental samples by FAAS**
AYDIN URUCU O., YILDIZ N., Aracier E. D.

INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.102, no.14, pp.3243-3254, 2022
(SCI-Expanded)

- III. **A new stochastic restricted Liu-type estimator in linear regression model**
YILDIZ N.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.48, no.1, pp.91-108, 2019 (SCI-Expanded)
- IV. **On the performance of the Jackknifed Liu-type estimator in linear regression model**
YILDIZ N.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, vol.47, no.9, pp.2278-2290, 2018 (SCI-Expanded)
- V. **On the weighted mixed Liu-type estimator under unbiased stochastic restrictions**
Yildiz N.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.46, no.9, pp.7238-7248, 2017 (SCI-Expanded)
- VI. **Reply to letter to the editor**
ERKAN M. E., AŞIK M., BULUR S., İLÇE H. T., YILDIRIM M., MEMİŞOĞULLARI R., YILDIZ N.
Turkish Journal Of Medical Sciences, 2016 (SCI-Expanded)
- VII. **Asymmetric dimethylarginine is not a good predictor of ischemia using myocardial perfusion scintigraphy**
Erkan M. E., Asik M., Ucgun T., YILDIZ N., Yilmaz A., Aslantas Y., Bulur S., Ilce H. T., Yildirim M., MEMİŞOĞULLARI R., et al.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.45, no.4, pp.954-958, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **A Meta-analysis Study on Secondary School Students' Critical Thinking Skill**
Aslanyürek Sezer E., Eminoğlu Küçüktepe S., Yıldız N.
Pamukkale Üniversitesi Eğitim Fakültesi Dergisi, vol.1, no.42, pp.1-42, 2022 (ESCI)
- II. **Regresyon Analizinde kullanılan yanlış tahmin edicilerin etkinliklerinin Karşılaştırılması**
YILDIZ N.
Erzincan Üniversitesi Fen bilimleri Enstitüsü Dergisi, vol.12, pp.886-892, 2019 (Peer-Reviewed Journal)
- III. **Comparison of(r-k,d) the class estimators to some estimatorsby the mean square error matrix criteria**
YILDIZ N.
Journal of Statisticians: Statistics and Actuarial Sciences, vol.11, pp.13-22, 2018 (Peer-Reviewed Journal)
- IV. **The research on biased estimators based on Mean Square Error Matrix Criteria**
YILDIZ N.
marmara fen bilimleri dergisi, vol.30, pp.174-181, 2018 (Peer-Reviewed Journal)
- V. **Gender Effects on Curriculum Elements Based On Mathematics and Science and Technology Teachers' Opinions: A Meta-Analysis for Turkish Studies**
Küçüktepe Eminoğlu S., YILDIZ N.
Journal of Education and Training Studies, vol.4, pp.196-204, 2016 (Peer-Reviewed Journal)
- VI. **Meta Analysis Of The Variables That Predict The Organizational Commitment Of Teachers In Turkey**
ARSLAN A., YILDIZ N.
journal of theory and practice in education, vol.11, pp.1310-1355, 2015 (Peer-Reviewed Journal)
- VII. **Meta analizinde kategorik verilerin birleştirilmesinde kullanılanistatistiksel yöntemler Aktif ve pasif sigara içicilerin değerlendirilmesi**
YILDIZ N., TEZ M.
ISTANBUL UNIVERSITY JOURNAL OF THE SCHOOL OF BUSINESS, vol.38, pp.134146, 2009 (Peer-Reviewed Journal)
- VIII. **A Comparison of the Effect Size Estimators in Meta Analysis**

Yıldız N., Akçıl Ok M., Tez M.

applied mathematical science, vol.3, pp.725-736, 2009 (Peer-Reviewed Journal)

IX. Meta Analizinde Kategorik Verilerin Birleştirilmesinde Kullanılan İstatistiksel Yöntemler Aktif ve Pasif Sigara İçicilerin Değerlendirilmesi

YILDIZ N., TEZ M.

İstanbul Üniversitesi İşletme Fakültesi Dergisi, vol.38, no.2, pp.134-146, 2009 (Peer-Reviewed Journal)

Books & Book Chapters

I. Network Meta-Analysis Using R for Diabetes Data

YILDIZ N.

in: Computational Statistics and Applications, Ricardo López-Ruiz, Editor, Interchopen,, Londrina, pp.1-25, 2022

II. A study on the comparison of the effectiveness of the Jackknife Method in the Biased Estimators

Yıldız N.

in: Statistical Methodologies, Dr. Jan Peter Hessling, Editor, INTECHOPEN, London, pp.1-20, 2020

Refereed Congress / Symposium Publications in Proceedings

I. ORTAOKUL ÖĞRENCİLERİNİN ELEŞTİREL DÜŞÜNME BECERİSİ ÜZERİNE BİR META-ANALİZ ÇALIŞMASI

Aslanyürek Sezer E., EMİNOĞLU KÜÇÜKTEPE S., YILDIZ N.

3.Ulusal Başkent Disiplinlerarası Bilimsel Çalışmalar Kongresi,Ankara,Turkey,14 -15 March 2021,pp.36, Ankara, Turkey, 14 March 2021

II. ORTAOKUL ÖĞRENCİLERİNİN ELEŞTİREL DÜŞÜNME BECERİSİ ÜZERİNE BİR META-ANALİZ ÇALIŞMASI

Aslanyürek Sezer E., Eminoğlu Küçüktepe S., Yıldız N.

3. Ulusal Başkent Disiplinler Arası Bilimsel Çalışmalar Kongresi, Ankara, Turkey, 14 - 15 March 2021, pp.36

III. Cox regresyon modelinde sağkalım fonksiyon parametrelerinin deneysel olabilirlik yöntemi ile tahmin edilmesi

YILDIZ N.

32.ulusal matematik Sempozyumu, Samsun, Turkey, 31 August - 03 September 2019

IV. Sağkalım fonksiyon parametrelerinin deneysel olabilirlik fonksiyonu ile tahmin edilmesi

YILDIZ N.

32.ulusal matematik sempozyumu, Samsun, Turkey, 31 August - 03 September 2019

V. Lineer regresyon modelinde kısıtlı tahmin edicilerin karşılaştırılması

YILDIZ N.

32. ulusal matematik sempozyumu, Turkey, 31 August - 03 September 2019

VI. Regresyon Analizinde Kullanılan Yanlı Tahmin Edicilerin Etkinliklerinin Karşılaştırılması

YILDIZ N.

31. ulusal Matematik Sempozyumu, Erzincan, Turkey, 12 - 15 September 2018

VII. Öğretmenlerin Mesleki başarılarını etkileyen faktörlerin Meta analizi

YILDIZ N., ARSLAN A.

INTE 2015, 10 - 12 June 2015

VIII. Gebelikte Olağan Fiziksel Yakınmalar

COŞAR ÇETİN F., DEMİRCİ N., YEŞİLÇİÇEK ÇALIK K., YILDIZ N.

12.Uludağ Jinekoloji ve Obstetri Kış Kongresi, Turkey, 5 - 07 March 2015

IX. özet sağkalım verilerinin Meta-analizi

YILDIZ N.

ISTEC, 18 - 20 December 2014

- X. **Meta-analizinde etki genişliğinin tahmin edilmesinde kullanılan parametrik olmayan yöntemler**
YILDIZ N.
XII ulusal Biyoistatistik Kongresi, Van, Turkey, 28 June - 01 July 2010
- XI. **A meta-analysis of the association between children with asthma and dental caries**
BAKKAL M., YILDIZ N., BEKİROĞLU G. N., KARGÜL B.
4 th International meeting methodological issues in oral health research : Intervention studies, İstanbul, Turkey, 21 - 23 April 2010
- XII. **A comparison of the within-study variance estimators in meta-analysis**
YILDIZ N., AKÇİL OK M., TEZ M.
5 th conference of the eastern mediterranean region of the international biometric society, İstanbul, Turkey, 10 - 14 May 2009
- XIII. **EFFECTS OF CONCEPT MAPPING STRATEGIES ON STUDENTS'xxACHIEVEMENT IN TURKEY: A META-ANALYSIS**
ERDOĞAN Y., Günhan F., YILDIZ N.
O N E V O I C E I N T E R N A T I O N A L C O N F E R E N C E F O R U M F O R E D U C A T O R S, San-Francisco, Costa Rica, 5 - 09 July 2008
- XIV. **Pasif Sigara içicilerin Akciger Kanserine yakalanmasına ilişki meta analizi çalışması**
YILDIZ N., TEZ M.
7. Ulusal Biyoistatistik Kongresi, Turkey, 29 September - 02 October 2004
- XV. **Pasif sigara içicilerinin Akciğer kanserine Yakalanmasına ilişkin sonuçların Meta-analiz ile değerlendirilmesi**
YILDIZ N., TEZ M.
VII. Ulusal biyoistatistik kongresi, Mersin, Turkey, 29 September - 02 October 2004

Activities in Scientific Journals

SCIREA journal of Mathematics, Editor, 2019 - Continues
computer simulations in application, Editor, 2018 - Continues

Scientific Refereeing

COMMUNICATIONS IN STATISTICS PART B: SIMULATION AND COMPUTATION, Journal Indexed in SCI-E, January 2024
COMMUNICATIONS IN STATISTICS PART B: SIMULATION AND COMPUTATION, Journal Indexed in SCI-E, October 2023
Hacettepe Sağlık İdaresi Derg.*, National Scientific Refreed Journal, July 2023
COMMUNICATIONS IN STATISTICS PART B: SIMULATION AND COMPUTATION, Journal Indexed in SCI-E, June 2023
COMMUNICATIONS IN STATISTICS PART B: SIMULATION AND COMPUTATION, Journal Indexed in SCI-E, May 2022
COMMUNICATIONS IN STATISTICS PART B: SIMULATION AND COMPUTATION, Journal Indexed in SCI-E, March 2021
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, April 2020
COMMUNICATIONS IN STATISTICS PART B: SIMULATION AND COMPUTATION, Journal Indexed in SCI-E, April 2020
COMMUNICATIONS IN STATISTICS -THEORY AND METHODS, Journal Indexed in SCI-E, February 2020
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, November 2019
COMMUNICATIONS IN STATISTICS -THEORY AND METHODS, Journal Indexed in SCI-E, June 2019
COMMUNICATIONS IN STATISTICS -THEORY AND METHODS, Journal Indexed in SCI-E, May 2018
COMMUNICATIONS IN STATISTICS -THEORY AND METHODS, Journal Indexed in SCI-E, April 2017
Hasan Ali yücel Eğitim fakültesi Dergisi, National Scientific Refreed Journal, April 2015

Metrics

Publication: 33
Citation (WoS): 15
Citation (Scopus): 142
H-Index (WoS): 2
H-Index (Scopus): 3

Scholarships

BIDEB 2219, TUBITAK, 2017 - 2018