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RES. ASST. PHD

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Fakültesi İstatistik Bölümü Buca İzmir Türkiye

International Researcher IDs

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Publons / Web Of Science ResearcherID: ABB-5531-2020

ScopusID: 57194087501

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Learning Knowledge

Doctorate 2016 - 2021	Hacettepe University, Fen Bilimleri Enstitüsü, İstatistik A.B.D., Turkey
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Postgraduate 2013 - 2016	Hacettepe University, Fen Bilimleri Enstitüsü, İstatistik (YI) (Tezli), Turkey
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Undergraduate 2009 - 2013	Hacettepe University, Fen Fakültesi, İstatistik Bölümü, Turkey
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Dissertations

Doctorate, New estimators in ranked set sampling in the presence of tie information, Hacettepe University, Fen Bilimleri Enstitüsü, İstatistik A.B.D., 2021

Postgraduate, Ratio and product type estimators of population mean in systematic sampling, Hacettepe University, Fen Bilimleri Enstitüsü, İstatistik A.B.D., 2016

Academic Titles / Tasks

Research Assistant PhD 2015 - Continues	Dokuz Eylül University, Fen Fakültesi, İstatistik Bölümü
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Research Assistant 2015 - 2018	Hacettepe University, Fen Bilimleri Enstitüsü, İstatistik A.B.D.
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Published journal articles indexed by SCI, SSCI, and AHCI

- 1. Evaluation of Mid-buccal Gingival Recessions and Occlusal Interferences**
Gürbüz S., Bakhishov H., Koçyiğit E. G., Işık A., Baloş Tuncer B., Özdemir B.
JOURNAL OF ORAL REHABILITATION, vol.0, pp.1-12, 2023 (SCI-Expanded)
- 2. Improved regression in ratio type estimators based on robust M-estimation**
Rather K. U. I., Koçyiğit E. G., Onyango R., Kadılar C.
PLOS ONE, no.-, pp.1-22, 2022 (SCI-Expanded)
- 3. Ratio estimators for ranked set sampling in the presence of tie information**
Koçyiğit E. G., Kadılar C.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.51, no.11, pp.6826-6839, 2022 (SCI-Expanded)
- 4. Information theory approach to ranked set sampling and new sub-ratio estimators**
Koçyiğit E. G., Kadılar C.
COMMUNICATIONS IN STATISTICS-THEORY AND METHODS, 2022 (SCI-Expanded)
- 5. Effects of interactive power toothbrush with or without application assistance on the plaque, gingivitis, and gingival abrasion among dental students: a randomized controlled clinical trial**
Gürbüz S., Turgut Çankaya Z., Cinal E., Koçyiğit E. G., Bodur A.
CLINICAL ORAL INVESTIGATIONS, vol.00, pp.1-11, 2022 (SCI-Expanded)
- 6. A new class of unbiased linear estimators in systematic sampling**
Koçyiğit E. G., Çıngı H.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.46, no.2, pp.315-323, 2017 (SCI-Expanded)

Articles Published in Other Journals

- 1. Modified Exponential Ratio Estimator for Ranked Set Sampling in the Presence of Tie Information and Application on COVID-19 Real Data**
Koçyiğit E. G., Kadılar C.
Journal of Statistics and Management Systems, vol.3, no.27, pp.515-534, 2024 (ESCI)
- 2. A Novel Sub-Type Mean Estimator for Ranked Set Sampling with Dual Auxiliary Variables**
Koçyiğit E. G.
Journal of New Theory, no.44, pp.79-86, 2023 (Peer-Reviewed Journal)
- 3. The New Sub-Regression Type Estimator in Ranked Set Sampling**
Koçyiğit E. G., Rather K. I.
JOURNAL OF STATISTICAL THEORY AND PRACTICE, vol.0, pp.17-27, 2023 (ESCI)
- 4. New Exponential Ratio Estimator in Ranked Set Sampling**
Khalid R., Koçyiğit E. G., Unal C., Jeelani M. I.
Pakistan Journal of Statistics and Operation Research, vol.18, no.No. 2, pp.403-409, 2022 (ESCI)

Books & Book Chapters

- 1. Cumhuriyet'in 100.Yılında Temel Bilimler**
Koçyiğit E. G. (Member Of Editors Board)
Dokuz Eylül Yayınları, İzmir, 2024

Refereed Congress / Symposium Publications in Proceedings

- 1. Sıralı Küme Örneklemesinde Ortalama Tahminine Yeni Bir Yaklaşım: Alt-Tahmin Ediciler**
Koçyiğit E. G.
V. Uluslararası Uygulamalı İstatistik Kongresi, İstanbul, Turkey, 21 - 23 May 2024, no.587, pp.1-2

2. **Evaluation of The Effect of Interactive Power Toothbrush on Plaque, Gingival Bleeding and Gingival Abrasion: A Randomized Controlled Clinical Trial**
Gürbüz S., Turgut Çankaya Z., Koçyiğit E. G., Bodur A.
Türk Periodontoloji Derneği 50. Uluslararası Bilimsel Kongresi, İstanbul, Turkey, 5 - 06 November 2021, pp.147-151
3. **A New Class of Exponential Regression cum Ratio Estimator in Systematic Sampling and Application on Real Air Quality Data Set**
KOÇYIĞIT E. G., ÇINGI H.
10th International Statistics Congress (ISC2017), Ankara, Turkey, 6 - 08 December 2017
4. **RATIO-PRODUCT TYPE ESTIMATOR IN SYSTEMATIC SAMPLING**
KOÇYIĞIT E. G., ÇINGI H.
Xth International Statistics Days Conference – ISDC’2016 (IGS 2016), Giresun, Turkey, 7 - 09 October 2016
5. **A NEW CLASS OF UNBIASED LINEAR ESTIMATOR IN SYSTEMATIC SAMPLING**
KOÇYIĞIT E. G., ÇINGI H.
SECOND INTERNATIONAL RESEARCHERS, STATISTICIANS AND YOUNG STATISTICIANS CONGRESS, Ankara, Turkey, 3 - 11 May 2016

Academic and Administrative Experience

	Department	
2023 - Continues	Coordinator of Distance Education	Dokuz Eylul University, Fen Fakültesi, İstatistik Bölümü
2021 - Continues	Member of IT Commission	Dokuz Eylul University, Fen Fakültesi
2019 - Continues	Social media executive	Dokuz Eylul University, Fen Fakültesi
2019 - Continues	Social media executive	Dokuz Eylul University, Fen Fakültesi, İstatistik Bölümü

Courses

BİLGİSAYAR UYGULAMALARI, Undergraduate, 2021 - 2022

Scientific Refereeing

INTERNATIONAL JOURNAL OF MACHINE LEARNING AND CYBERNETICS, Journal Indexed in SCI-E, August 2024
 SCIENTIFIC REPORTS, Journal Indexed in SCI-E, June 2024
 GAZI UNIVERSITY JOURNAL OF SCIENCE, Journal Indexed in ESCI, June 2024
 SCIENTIFIC REPORTS, Journal Indexed in SCI-E, June 2024
 JOURNAL OF INFRASTRUCTURE POLICY AND DEVELOPMENT, Journal Indexed in ESCI, June 2024
 Hitit Sosyal Bilimler Dergisi (Online), National Scientific Refreed Journal, May 2024
 SCIENTIFIC REPORTS, Journal Indexed in SCI-E, April 2024
 SCIENTIFIC REPORTS, Journal Indexed in SCI-E, April 2024
 SCIENTIFIC REPORTS, Journal Indexed in SCI-E, April 2024
 SCIENTIFIC REPORTS, National Scientific Refreed Journal, April 2024
 JOURNAL OF STATISTICAL THEORY AND PRACTICE, Journal Indexed in ESCI, April 2024
 Nicel bilimler dergisi (Online), National Scientific Refreed Journal, January 2024
 HELİYON, National Scientific Refreed Journal, January 2024

HELIYON, Journal Indexed in SCI-E, January 2024
SCIENTIFIC REPORTS, Journal Indexed in SCI-E, January 2024
SCIENTIFIC REPORTS, Journal Indexed in SCI-E, December 2023
SCIENTIFIC REPORTS, Journal Indexed in SCI-E, December 2023
HELIYON, Journal Indexed in SCI-E, December 2023
JOURNAL OF STATISTICAL THEORY AND PRACTICE, Journal Indexed in ESCI, December 2023
JOURNAL OF STATISTICAL THEORY AND PRACTICE, Journal Indexed in ESCI, November 2023
JOURNAL OF KING SAUD UNIVERSITY - SCIENCE, Journal Indexed in SCI-E, November 2023
JOURNAL OF KING SAUD UNIVERSITY - SCIENCE, Journal Indexed in SCI-E, October 2023
SCIENTIFIC REPORTS, Journal Indexed in SCI-E, September 2023
SCIENTIFIC REPORTS, Journal Indexed in SCI-E, September 2023
JOURNAL OF THE INDIAN SOCIETY FOR PROBABILITY AND STATISTICS, Journal Indexed in ESCI, August 2023
International Journal of Applied and Computational Mathematics, Other Indexed Journal, June 2023
JOURNAL OF THE INDIAN SOCIETY FOR PROBABILITY AND STATISTICS, Journal Indexed in ESCI, May 2023
PAKISTAN JOURNAL OF STATISTICS, Journal Indexed in ESCI, April 2023
PAKISTAN JOURNAL OF STATISTICS AND OPERATION RESEARCH, Journal Indexed in ESCI, February 2023
GAZI UNIVERSITY JOURNAL OF SCIENCE, Journal Indexed in ESCI, January 2023
PAKISTAN JOURNAL OF STATISTICS AND OPERATION RESEARCH, Journal Indexed in ESCI, November 2022
Karaelmas Fen ve Mühendislik Dergisi, National Scientific Refreed Journal, November 2022
SCIENTIA IRANICA INTERNATIONAL JOURNAL OF SCIENCE & TECHNOLOGY, Journal Indexed in SCI-E, October 2022
Thailand Statistician, Journal Indexed in ESCI, October 2022
Journal of Aksaray University Faculty of Economics and Administrative Sciences, National Scientific Refreed Journal, October 2022
SCIENTIA IRANICA INTERNATIONAL JOURNAL OF SCIENCE & TECHNOLOGY, Journal Indexed in SCI-E, September 2022
SCIENTIA IRANICA INTERNATIONAL JOURNAL OF SCIENCE & TECHNOLOGY, Journal Indexed in SCI-E, August 2022
SCIENTIA IRANICA INTERNATIONAL JOURNAL OF SCIENCE & TECHNOLOGY, Journal Indexed in SCI-E, May 2022
PAKISTAN JOURNAL OF STATISTICS AND OPERATION RESEARCH, Journal Indexed in ESCI, May 2022
ERCİYES ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, April 2022
PAKISTAN JOURNAL OF STATISTICS AND OPERATION RESEARCH, Journal Indexed in ESCI, April 2022
PAKISTAN JOURNAL OF STATISTICS AND OPERATION RESEARCH, Journal Indexed in ESCI, March 2022
GAZI UNIVERSITY JOURNAL OF SCIENCE, Journal Indexed in ESCI, March 2022
GAZI UNIVERSITY JOURNAL OF SCIENCE, Journal Indexed in ESCI, February 2022
KARAEKMAS FEN VE MÜHENDİSLİK DERGİSİ, National Scientific Refreed Journal, February 2022
PAKISTAN JOURNAL OF STATISTICS AND OPERATION RESEARCH, Journal Indexed in ESCI, January 2022
Journal of Aksaray University Faculty of Economics and Administrative Sciences, National Scientific Refreed Journal, October 2021
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, Journal Indexed in SCI-E, May 2021
PAKISTAN JOURNAL OF STATISTICS AND OPERATION RESEARCH, Journal Indexed in ESCI, February 2021
REVSTAT-STATISTICAL JOURNAL, Journal Indexed in SCI-E, November 2019

Metrics

Publication: 17
Citation (WoS): 15
Citation (Scopus): 21
H-Index (WoS): 3
H-Index (Scopus): 3

Congress and Symposium Activities

Dokuz Eylül Üniversitesi ile Azerbaycan Milli İlimler Akademisi Arasındaki İkinci Uluslararası Temel Bilim İkili Çalıştayı, Audience, İzmir, Turkey, 2022

Turkish Society of Periodontology 50th International Scientific Online Congress, Attendee, İstanbul, Turkey, 2021

10th International Statistics Congress (ISC2017), Attendee, Ankara, Turkey, 2017

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

SECOND INTERNATIONAL RESEARCHERS, STATISTICIANS AND YOUNG STATISTICIANS CONGRESS, Attendee, Ankara, Turkey, 2016

Research Areas

Statistics, Statistical Analysis and Applications, Natural Sciences