

## Asst. Prof. ONUR TOKA

### Personal Information

**Office Phone:** [+90 312 297 7900](tel:+903122977900) Extension: 123

**Fax Phone:** [+90 312 297 7913](tel:+903122977913)

**Email:** [onur.toka@hacettepe.edu.tr](mailto:onur.toka@hacettepe.edu.tr)

**Web:** <https://www.onurtoka.com.tr>

**Address:** Hacettepe Üniversitesi İstatistik Bölümü Beytepe/Çankaya/ANKARA

### International Researcher IDs

ORCID: 0000-0002-4025-4537

ScopusID: 53880543400

Yoksis Researcher ID: 169007

### Education Information

Doctorate, Hacettepe University, Fen Bilimleri, İstatistik, Turkey 2012 - 2016

Postgraduate, Hacettepe University, Fen Bilimleri, İstatistik, Turkey 2009 - 2012

Undergraduate, Anadolu University, Faculty Of Business Administration, İşletme, Turkey 2006 - 2011

Undergraduate, Hacettepe University, Fen Fakültesi, İstatistik, Turkey 2004 - 2009

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Gudermannian Kayıp Fonksiyonu ve GudermannianBoost İkili Sınıflandırma Yöntemi, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, İstatistik, 2016

Postgraduate, Kayıp veri durumunda sağlam kestirim, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, İstatistik (YI) (Tezli), 2012

### Research Areas

Statistics, Statistical Analysis and Applications, Natural Sciences

### Academic Titles / Tasks

Research Assistant, Hacettepe University, Fen Fakültesi, İstatistik Bölümü, 2010 - Continues

### Courses

İstatistiksel Karar Kuramı, Undergraduate, 2017 - 2018

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

- I. **Patient Safety Culture: Effects on Errors, Incident Reporting, and Patient Safety Grade**  
KAYA S., Banaz Goncuoglu M., Mete B., Asilkan Z., METE A. H., Akturan S., Tuncer N., Yukselir Alasirt F., TOKA O., Gunes T., et al.  
Journal of patient safety, vol.19, no.7, pp.439-446, 2023 (SCI-Expanded)
- II. **Robust regression estimation and variable selection when cellwise and casewise outliers are present**  
TOKA O., ÇETİN M., ARSLAN O.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.50, no.1, pp.289-303, 2021 (SCI-Expanded)
- III. **Robust estimation in restricted linear regression**  
TOKA O., ÇETİN M., ARSLAN O.  
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, 2019 (SCI-Expanded)
- IV. **Is low serum 25-hydroxyvitamin D associated with attack frequency and duration in migraine and tension-type headache?**  
Karadag M. G., YILDIRAN H., AYYILDIZ F., ÖZTÜRK Y. E., Girgin O. B. Y., TOKA O.  
PROGRESS IN NUTRITION, vol.21, no.3, pp.702-708, 2019 (SCI-Expanded)
- V. **A binary boosting method in the presence of outliers in training data**  
TOKA O., ÇETİN M.  
SOFT COMPUTING, vol.23, no.16, pp.7081-7090, 2019 (SCI-Expanded)
- VI. **INFLUENZA VACCINATION PREVALENCE AMONG THE ELDERLY AND INDIVIDUALS WITH CHRONIC DISEASE, AND FACTORS AFFECTING VACCINATION UPTAKE**  
Korkmaz P., KİLİT T. P., ONBAŞI K., Ozatag D. M., TOKA O.  
CENTRAL EUROPEAN JOURNAL OF PUBLIC HEALTH, vol.27, no.1, pp.44-49, 2019 (SCI-Expanded)
- VII. **Predictors of hospital readmissions in internal medicine patients: Application of Andersen's Model**  
KAYA S., Guven G. S., AYDAN S., TOKA O.  
INTERNATIONAL JOURNAL OF HEALTH PLANNING AND MANAGEMENT, vol.34, no.1, pp.370-383, 2019 (SSCI)
- VIII. **Patients' readiness for discharge: Predictors and effects on unplanned readmissions, emergency department visits and death**  
KAYA S., Guven G. S., AYDAN S., Kar A., Teles M., Yildiz A., KOCA G. Ş., KARTAL N., KORKU C., Urek D., et al.  
JOURNAL OF NURSING MANAGEMENT, vol.26, no.6, pp.707-716, 2018 (SCI-Expanded)
- IX. **Red Cell Distribution Width (RDW) is a Prognostic Factor for Mortality in the Patients with Sepsis and Septic Shock**  
Korkmaz P., Erarslan S., TOKA O.  
KUWAIT MEDICAL JOURNAL, vol.50, no.3, pp.329-336, 2018 (SCI-Expanded)
- X. **A comprehensive framework identifying readmission risk factors using the CHAID algorithm: a prospective cohort study**  
KAYA S., Guven G. S., AYDAN S., TOKA O.  
INTERNATIONAL JOURNAL FOR QUALITY IN HEALTH CARE, vol.30, no.5, pp.366-374, 2018 (SCI-Expanded)
- XI. **Are eating behaviors related with by body mass index, gender and age?**  
Sanlier N., ARSLAN S., Buyukgenc N., TOKA O.  
ECOLOGY OF FOOD AND NUTRITION, vol.57, no.4, pp.372-387, 2018 (SCI-Expanded)
- XII. **Variations in the Origin of Inferior Phrenic Arteries and Their Relationship to Celiac Axis Variations on CT Angiography.**  
ASLANER R., PEKCEVIK Y., SAHIN H., Toka O.  
Korean journal of radiology, vol.18, pp.336-344, 2017 (SCI-Expanded)
- XIII. **KNOWLEDGE AND ATTITUDE OF HEALTH CARE WORKERS TOWARD PATIENTS WITH HEPATITIS C INFECTION**  
Korkmaz P., UYAR C., OZMEN A., TOKA O.  
SOUTHEAST ASIAN JOURNAL OF TROPICAL MEDICINE AND PUBLIC HEALTH, vol.47, no.5, pp.935-944, 2016 (SCI-Expanded)
- XIV. **Body Image, Food Addiction, Depression, and Body Mass Index in University Students**

Sanlier N, Turkozu D, TOKA O.

ECOLOGY OF FOOD AND NUTRITION, vol.55, no.6, pp.491-507, 2016 (SCI-Expanded)

XV. **Plasma orexin-A and ghrelin levels in patients with chronic obstructive pulmonary disease: Interaction with nutritional status and body composition**

Akbulut G, Gezmen-Karadag M, Ertas Y, Uyar B. B., Yassibas E, Turkozu D, Celebi F, Pasaoglu O. T., TOKA O., Yildiran H., et al.

EXPERIMENTAL AND THERAPEUTIC MEDICINE, vol.7, no.6, pp.1617-1624, 2014 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Knowledge and Attitudes of Patients About the Rational Use of Antibiotics**  
KORKMAZ P., MISTANOĞLU ÖZATAĞ D., PAŞALI KİLİT T., TOKA O., ONBAŞI K.  
INFECTIOUS DISEASES AND CLINICAL MICROBIOLOGY, vol.6, no.1, pp.11-21, 2024 (ESCI)
- II. **Evaluating the knowledge, attitudes and practices of adults on food safety: a cross-sectional sample from Turkey**  
Gobel P., Sanlier N., Yilmaz S., TOKA O., Acikalin B., Kocabas S.  
NUTRITION & FOOD SCIENCE, vol.52, no.5, pp.814-829, 2022 (ESCI)
- III. **Factors affecting on perception and knowledge of portion size in young adults**  
GEZMEN KARADAĞ M., AĞAGÜNDÜZ D., YILDIRAN H., ARSLAN S., TOKA O.  
NUTRITION & FOOD SCIENCE, vol.51, no.6, pp.947-958, 2021 (ESCI)
- IV. **Effect of Hepatosteatososis on the Virological Response in Entecavir and Tenofovir Therapies**  
KORKMAZ P., Demirturk N., Batirel A., Tulek N., Ozguler M., Harman R., Cinar G., TOKA O., Yoruk G., Ataman-Hatipoglu C., et al.  
KLIMIK JOURNAL, vol.32, no.3, pp.265-274, 2019 (ESCI)
- V. **Awareness of Hepatitis B Virus Reactivation Among Physicians Administering Immunosuppressive Treatment and Related Clinical Practices**  
KORKMAZ P., Demirturk N., Aydin G., Ceken S., AYGEM B., TOKA O., GÜNDOĞDU K., Kocagul-Celikbas A., İNAN D., KURUÜZÜM Z., et al.  
KLIMIK JOURNAL, vol.32, no.2, pp.146-153, 2019 (ESCI)
- VI. **Infections in Patients Followed By Home Care Services Unit**  
Korkmaz P., Naz H., Naz C., TOKA O.  
KLIMIK JOURNAL, vol.31, no.1, pp.41-45, 2018 (ESCI)
- VII. **A CORRECTION ON TANGENTBOOST ALGORITHM**  
TOKA O., ÇETİN M.  
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.67, no.2, pp.1-10, 2018 (ESCI)
- VIII. **Evaluation of the Association Between the Neutrophil to Lymphocyte Ratio and Mortality in the Patients Followed up with the Diagnosis of Sepsis**  
Korkmaz P., Erarslan S., TOKA O.  
JOURNAL OF CLINICAL AND ANALYTICAL MEDICINE, vol.8, no.3, pp.211-215, 2017 (ESCI)
- IX. **Real-life Outcomes of Tenofovir Disoproxil Fumarate Monotherapy in Nucleos(t)ide Analogue-naive and Nucleos(t)ide Analogue-experienced Chronic Hepatitis B Patients: A Single-center Experience**  
Korkmaz P., CAGLAN F. C., AYKIN N., NAZ H., TOKA O.  
VIRAL HEPATIT DERGISI-VIRAL HEPATITIS JOURNAL, vol.22, no.3, pp.92-96, 2016 (ESCI)
- X. **Obstrüktif Uyku Apne Sendromu Ağırlığı ile Antropometrik Ölçümler ve Vücut Bileşimi İlişkili Midir**  
AYYILDIZ F., TOKA O., KÖKTÜRK O., RAKICIOĞLU N.  
Beslenme ve Diyetetik, vol.44, no.2, 2016 (Peer-Reviewed Journal)
- XI. **Imputation and Deletion Methods Under The Presence of Missing Values and Outliers: A Comparative Study**  
TOKA O., ÇETİN M.

GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.29, no.4, pp.799-809, 2016 (ESCI)

- XII. **Basit Doğrusal Regresyonda Sağlam ve Theil Kestiricilerinin Karşılaştırılması**  
TOKA O., ÇETİN M., AKTAŞ ALTUNAY S.  
İstatistik Araştırma Dergisi, vol.8, no.3, pp.45-53, 2011 (Peer-Reviewed Journal)
- XIII. **The comparing of S-estimator and M-estimators in linear regression**  
ÇETİN M., TOKA O.  
Gazi University Journal of Science, vol.24, no.4, pp.747-752, 2011 (Scopus)

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **Are Serum Vitamin D Levels Related with Colorectal Cancer Risk?**  
YASSIBAŞ E., SAMUR F. G., TOKA O.  
39th The European Society for Clinical Nutrition and Metabolism Congress on Clinical Nutrition and Metabolism, 9 - 12 September 2017, vol.36, pp.88
- II. **İç Hastalıkları Servislerinden Taburcu Olan 65 Yaş ve Üzeri Hastaların Hastaneye Yeniden Yatışlarının Değerlendirilmesi**  
KAYA S., SAİN GÜVEN G., KARSAVURAN S., TOKA O.  
10. SAĞLIK VE HASTANE İDARESİ KONGRESİ, Turkey, 1 - 03 December 2016
- III. **İç Hastalıkları Servislerinden Taburcu Olan 65 Yaş ve Üzeri Hastaların Hastaneye Yeniden Yatışlarının Değerlendirilmesi**  
KAYA S., SAİN GÜVEN G., KARSAVURAN S., TOKA O.  
10. SAĞLIK VE HASTANE İDARESİ KONGRESİ, Turkey, 1 - 03 December 2016
- IV. **İç Hastalıkları Servislerinden Taburcu Olan 65 Yaş ve Üzeri Hastaların Hastaneye Yeniden Yatışlarının Değerlendirilmesi**  
KAYA S., SAİN GÜVEN G., KARSAVURAN S., TOKA O.  
10. SAĞLIK VE HASTANE İDARESİ KONGRESİ, Turkey, 1 - 03 December 2016
- V. **Obstrüktif Uyku Apne Sendromu Ağırlığı ile Beslenme Durumu ve Bazı Antropometrik Ölçümlerin İlişkisi**  
AYYILDIZ F., TOKA O., KÖKTÜRK O., RAKICIOĞLU N.  
38.TÜSAD Ulusal Kongresi, Turkey, 15 - 18 October 2016
- VI. **Identifying Risk Factors for Readmission Using Decision Tree Analysis**  
KAYA S., SAİN GÜVEN G., KARSAVURAN S., TOKA O.  
18th International Conference on Healthcare Quality Management, Londrina, United Kingdom, 23 - 24 May 2016
- VII. **Identifying Risk Factors for Readmission Using Decision Tree Analysis**  
KAYA S., SAİN GÜVEN G., KARSAVURAN S., TOKA O.  
18th International Conference on Healthcare Quality Management, Londrina, Brazil, 23 - 24 May 2016, vol.18, pp.2831
- VIII. **Is obstructive sleep apnea level related with anthropometric measurements and body composition**  
Feride Ç., TOKA O., KÖKTÜRK O., RAKICIOĞLU N.  
22 nd European Congress on Obesity (ECO2015) Prague, Czech Republic, Prague, 6 - 09 May 2015, vol.8, pp.113
- IX. **Regresyon Modelinde Çoklu Bağlantı Durumunda Aykırı Değer Sorunu**  
TOKA O., ÜNLÜ H., ÇETİN M.  
15. Uluslararası Ekonometri, Yöneylem Araştırması ve İstatistik Sempozyumu, 22 - 25 May 2014

### **Supported Projects**

TOKA O., Project Supported by Other Official Institutions, Kentsel Dönüşüm Projelerinin Hazırlığında Ve Uygulamasında Sosyal Boyutun Güçlendirilmesi, 2017 - 2018

TOKA O., Project Supported by Higher Education Institutions, Kısıtlı Regresyonda Robust Değişken Seçimi, 2017 - 2017

TOKA O., Project Supported by Higher Education Institutions, Bilimsel Yayın Bilimsel Başarı Desteđi Başvurusu, 2017 - 2017  
AYDAN S., KAYA S., SAİN GÜVEN G., TOKA O., Project Supported by Higher Education Institutions, Karar Ağacı Analizini Kullanarak Yeniden Yatış Risk Faktörlerinin Belirlenmesi, 2016 - 2017  
ÇETİN M., TOKA O., Project Supported by Higher Education Institutions, Robust Boosting Algoritması: GudermannianBoost, 2016 - 2016  
TOKA O., Project Supported by Higher Education Institutions, İstatistikte Robust Yaklaşımlar, 2016 - 2016  
TOKA O., ÇETİN M., Project Supported by Higher Education Institutions, Veri Silme ve Yükleme Yöntemlerinin Kestirimlerinin Ortalama Karesel Hata Bakımından Karşılaştırılması, 2015 - 2015

## **Metrics**

Publication: 37  
Citation (WoS): 56  
Citation (Scopus): 45  
H-Index (WoS): 4  
H-Index (Scopus): 4

## **Non Academic Experience**

TÜRK AKREDİTASYON KURUMU  
TÜRK AKREDİASTYON KURUMU  
TÜRKİYE AKREDİTASYON KURUMU