

## Asst. Prof. ONUR TOKA

### Personal Information

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### Education Information

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

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

Undergraduate, Anadolu Üniversitesi, İşletme Fakültesi, İşletme, Turkey 2006 - 2011

Undergraduate, Hacettepe Üniversitesi, 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 Üniversitesi, Fen Fakültesi, İstatistik Bölümü, 2010 - Continues

### Courses

İstatistiksel Karar Kuramı, Undergraduate, 2017 - 2018

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

1. 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 (Journal Indexed in SCI)

- II. **Robust estimation in restricted linear regression**  
TOKA O., ÇETİN M., ARSLAN O.  
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, 2019 (Journal Indexed in SCI)
- III. **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 (Journal Indexed in SCI)
- IV. **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 (Journal Indexed in SCI)
- V. **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 (Journal Indexed in SCI)
- VI. **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 (Journal Indexed in SSCI)
- VII. **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 (Journal Indexed in SCI)
- VIII. **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 (Journal Indexed in SCI)
- IX. **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 (Journal Indexed in SCI)
- X. **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 (Journal Indexed in SCI)
- XI. **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 (Journal Indexed in SCI Expanded)
- XII. **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 (Journal Indexed in SCI)
- XIII. **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 (Journal Indexed in SCI)
- XIV. **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.,

## Articles Published in Other Journals

- I. **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, 2020 (Journal Indexed in ESCI)
- II. **Effect of Hepatosteatosi 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 (Journal Indexed in ESCI)
- III. **Awareness of Hepatitis B Virus Reactivation Among Physicians Administering Immunosuppressive Treatment and Related Clinical Practices**  
KORKMAZ P., Demirturk N., Aydin G., Ceken S., AYGEN B., TOKA O., GÜNDOĞDU K., Kocagul-Celikbas A., İNAN D., KURUÜZÜM Z., et al.  
KLIMIK JOURNAL, vol.32, no.2, pp.146-153, 2019 (Journal Indexed in ESCI)
- IV. **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 (Journal Indexed in ESCI)
- V. **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 (Journal Indexed in ESCI)
- VI. **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 (Journal Indexed in ESCI)
- VII. **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 DERGİSİ-VIRAL HEPATİTİS JOURNAL, vol.22, no.3, pp.92-96, 2016 (Journal Indexed in ESCI)
- VIII. **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 (Journal Indexed in ESCI)
- IX. **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 (Refereed Journals of Other Institutions)
- X. **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 (Refereed Journals of Other Institutions)

## 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.  
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- 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. **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
- 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. **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 Desteği 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

## Citations

Total Citations (WOS):45

h-index (WOS):3