

## Res. Asst. PhD NURBANU BURSA

### Personal Information

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### International Researcher IDs

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### Education Information

Post Doctorate, Boise State University, Biomedical Research Institute, United States Of America 2023 - 2024

Post Doctorate, University of Idaho, Institute for Modeling Collaboration and Innovation, United States Of America 2022 - 2023

Doctorate, Hacettepe University, Fen Fakültesi, İstatistik Bölümü, Turkey 2013 - 2019

Postgraduate, Hacettepe University, Fen Fakültesi, İstatistik Bölümü, Turkey 2010 - 2013

Undergraduate Minor, Baskent University, Faculty of Commercial Sciences, Department of International Trade, Turkey 2008 - 2010

Undergraduate, Baskent University, Faculty of Arts And Sciences, Department of Statistics and Computer Sciences, Turkey 2006 - 2010

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, An approach to multicollinearity problem with independent components analysis, Hacettepe University, Fen Fakültesi, İstatistik Bölümü, 2019

Postgraduate, The relationships between credit default swap spreads and various economic indicators, Hacettepe University, Fen Fakültesi, İstatistik Bölümü, 2013

### Research Areas

Econometrics, Statistics, Statistical Analysis and Applications, Biostatistics and Medical Informatics

### Academic Titles / Tasks

Research Assistant PhD, Hacettepe University, Fen Fakültesi, İstatistik Bölümü, 2011 - Continues

Expert, Mountain West Clinical & Translational Research Infrastructure Network , Biostatistics, Bioinformatics, and Epidemiology Directory & Support Services, 2022 - 2023

- I. **Evaluation of preprocedural statin loading on clinical outcomes in patients undergoing elective percutaneous coronary intervention**  
SİNAN Ü. Y., Meric B. K., BURSA N., Moumin G., KAYA A., Ozkan A. A.  
FRONTIERS IN CARDIOVASCULAR MEDICINE, 2024 (SCI-Expanded)
- II. **Data-Driven and Cell-Specific Determination of Nuclei-Associated Actin Structure**  
Nikitina N., Bursa N., Goelzer M., Goldfeldt M., Crandall C., Howard S., Rubin J., Zavala A., Satici A., Uzer G.  
Small Structures, 2024 (SCI-Expanded)
- III. **Subacute THYROIDITIS Related to SARS-CoV-2 VACCINE and COVID-19 (THYROVAC Study): A Multicenter Nationwide Study**  
Batman A., Yazıcı D., Dikbaş O., Ağbaht K., SAYGILI E. S., Demirci İ., BURSA N., Ayas G., Anıl C., Cesur M., et al.  
The Journal of clinical endocrinology and metabolism, vol.108, no.10, 2023 (SCI-Expanded)
- IV. **Long-term results of kidney transplantation in patients with familial mediterranean fever**  
Bitik B., Hatipoğlu B., Sayın B., Kanbur A. Y., BURSA N., Oygur C. Ş., Özdemir H., Colak T., Haberal M., Yücel A. E.  
Clinical Transplantation, vol.37, no.2, 2023 (SCI-Expanded)
- V. **The effect of vitamin D status on non-alcoholic fatty liver disease: a population-based observational study**  
Dal K., Uzman M., Ata N., Ertugrul D. T., BURSA N., Caglayan M., BAŞER S., Akkan T., Imrat E., Celik O., et al.  
Endokrynologia Polska, vol.74, no.1, pp.63-66, 2023 (SCI-Expanded)
- VI. **25-HYDROXYVITAMIN D (25-OHD) LEVELS IN TURKISH GERIATRIC POPULATION: A NATIONWIDE STUDY NIVOI 25-HIDROKSIVITAMINA D (25-OHD) U TURSKOJ GERIJATRIJSKOJ POPULACIJI: NACIONALNA STUDIJA**  
Çağlayan M., Sonmez C., Senes M., Gonel A., GÜLBAHAR Ö., BURSA N., Taner D., Celik O., Fidanci A. A., Ulgu M. M., et al.  
Journal of Medical Biochemistry, vol.41, no.4, pp.450-458, 2022 (SCI-Expanded)
- VII. **Elabela as a novel marker: Well-correlated with Wifl amputation risk score in lower extremity arterial disease patients**  
Kaplan M., Yavuz F., Kaplan G. I., BURSA N., VURUŞKAN E., Sucu M.  
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.25, no.5, pp.330-337, 2021 (SCI-Expanded)
- VIII. **GERIATRIC NUTRITIONAL RISK INDEX IS A PREDICTOR OF RECURRENT PERCUTANEOUS CORONARY INTERVENTION IN PATIENTS WITH NON-ST SEGMENT ELEVATION MYOCARDIAL INFARCTION**  
Kaplan M., VURUŞKAN E., Altunbas G., Yavuz F., Kaplan G. I., Duzen I. V., Savcilioglu M. D., Annac S., BURSA N., SUCU M. M.  
KARDIOLOGIYA, vol.61, no.8, pp.60-67, 2021 (SCI-Expanded)
- IX. **Intraocular pressure predicts premature coronary atherosclerosis**  
Kaplan M., Ozcan Abacioglu O., Yavuz F., Ilgin Kaplan G., Duzen B., Bursa N., Zorlu F.  
REVISTA DA ASSOCIACAO MEDICA BRASILEIRA, vol.66, pp.1707-1711, 2020 (SCI-Expanded)
- X. **Switching from ramipril to sacubitril/valsartan favorably alters electrocardiographic indices of ventricular repolarization in heart failure with reduced ejection fraction**  
Okutucu S., Sabanoglu C., Sayin B. Y., Aksoy H., BURSA N., Oto A.  
ACTA CARDIOLOGICA, vol.75, no.1, pp.20-25, 2020 (SCI-Expanded)
- XI. **Effects of angiotensin receptor neprilysin inhibition on P-wave dispersion in heart failure with reduced ejection fraction**  
Okutucu S., Fatihoglu S. G., Sabanoglu C., BURSA N., Sayin B. Y., Aksoy H., Oto A.  
HERZ, 2019 (SCI-Expanded)
- XII. **Cardiac diastolic function and heart rate recovery in obese adolescents: chronotropic response and statistical perspectives**  
Okutucu S., BURSA N.  
INTERNATIONAL JOURNAL OF OBESITY, vol.43, no.11, pp.2343, 2019 (SCI-Expanded)
- XIII. **Effect of sacubitril/valsartan on cardiac filling pressures in patients with heart failure: Suggestions for statistical analysis**  
Okutucu S., BURSA N.

INTERNATIONAL JOURNAL OF CARDIOLOGY, vol.288, pp.117, 2019 (SCI-Expanded)

**XIV. The exponentiated Kumaraswamy-power function distribution**

BURSA N., Ozel G.

HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.46, no.2, pp.277-292, 2017 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Evaluation of Relationship between Modified ATRIA Risk Score and Mortality in Hospitalized Patients with COVID-19**  
AFŞİN A., Turgut K., Bursa N., YAVUZ E., güven t., HOSOGLU Y.  
Medical records-international medical journal (Online), vol.5, no.1, pp.107-114, 2023 (Peer-Reviewed Journal)
- II. **Decreased vitamin D levels in children and adolescents with Celiac disease: A nationwide cross-sectional study**  
AKELMA A. Z., Keskin M., Erdeve Ş. S., BURSA N., Çelik O., İmrat E., Ülgü M. M., Çağlayan M., Ata N., Birinci Ş.  
Gulhane Medical Journal, vol.64, no.3, pp.268-273, 2022 (Scopus)
- III. Akarçeşme C., Bursa N.  
Spor ve Performans Araştırmaları Dergisi, vol.13, no.1, pp.89-100, 2022 (Peer-Reviewed Journal)
- IV. Günyaktı R. İ., Bursa N.  
Selçuk İletişim, vol.15, no.1, pp.264-285, 2022 (Peer-Reviewed Journal)
- V. **Wind Speed Analysis for Coastal Regions of Pakistan using Extended Generalized Lindley Distribution**  
Usman R. M., BURSA N., Ahsan-Ul-Haq M.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.35, no.2, pp.765-774, 2022 (ESCI)
- VI. Erdiñç U., Bursa N.  
Yönetim ve Ekonomi Araştırmaları Dergisi, vol.19, no.4, pp.362-381, 2021 (Peer-Reviewed Journal)
- VII. Binici A., Pulatsü S., Bursa N.  
Çanakkale Onsekiz Mart Üniversitesi Deniz Bilimleri ve Balıkçılık Dergisi, vol.4, no.2, pp.159-167, 2021 (Peer-Reviewed Journal)
- VIII. **The impact of COVID-19 on rural population: A retrospective study**  
İnanç İ. H., Bursa N., Gültepe A., Şabanoğlu C.  
JOURNAL OF HEALTH SCIENCES AND MEDICINE, vol.4, no.5, pp.722-727, 2021 (Peer-Reviewed Journal)
- IX. **Statistical suggestions for long-term outcomes of non-ischemic dilated cardiomyopathy patients**  
BURSA N.  
INDIAN HEART JOURNAL, vol.73, no.2, pp.256, 2021 (ESCI)
- X. **Evaluation of Independent Components Analysis from Statistical Perspective and Its Comparison with Principal Components Analysis**  
Bursa N., Tatlıdil H.  
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.24, no.2, pp.474-486, 2020 (Peer-Reviewed Journal)
- XI. **Unemployment and Crime Nexus in European Union Countries:A Panel Data Analysis**  
AYHAN F., BURSA N.  
Yönetim Bilimleri Dergisi, vol.17, no.34, pp.467-486, 2019 (Peer-Reviewed Journal)
- XII. **Exponentiated Transmuted Power Function Distribution: Theory & Applications**  
Usman R. M., Ul Haq M. A., BURSA N., Ozel G.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.31, no.2, pp.660-675, 2018 (ESCI)
- XIII. **McDonald Power Function Distribution with Theory and Applications**  
Haq Ahsan M., Usman R., BURSA N., ÖZEL KADILAR G.  
International Journal of Statistics and Economics, 2018 (Peer-Reviewed Journal)
- XIV. **Investigation of Turkey Credit Default Swaps with Entropy Concept**  
BURSA N., ÖZEL KADILAR G.

- Eurasian Econometrics, Statistics & Emprical Economics Journal, vol.3, pp.23-32, 2016 (Peer-Reviewed Journal)
- XV. **Türkiye Kredi Temerrüt Takası Primlerinin Entropi Kavramı ile İncelenmesi**  
BURSA N., ÖZEL KADILAR G.  
Avrasya Ekonometri, İstatistik ve Ampirik Ekonomi Dergisi, no.3, pp.23-32, 2016 (Peer-Reviewed Journal)
- XVI. **Ekonofiziksel Bir Teknik Olan Eğilimden Arındırılmış Dalgalanma Analizi ile Kredi Temerrüt Takası Primlerinin İncelenmesi**  
BURSA N., TATLIDİL H. H.  
Avrasya Ekonometri, İstatistik ve Ampirik Ekonomi Dergisi, vol.1, no.2, pp.25-33, 2015 (Peer-Reviewed Journal)
- XVII. **Risk Göstergelerine Çok Değişkenli Analiz Yaklaşımı Türkiye Uygulaması**  
BURSA N., TATLIDİL H. H.  
Bankacılar Dergisi, vol.26, no.92, pp.71-88, 2015 (Peer-Reviewed Journal)
- XVIII. **Kredi Temerrüt Takası ve Risk Yönetimi**  
TATLIDİL H. H., BURSA N.  
İktisat ve Toplum, no.12, 2011 (Non Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **The Exponentiated Kumaraswamy Power Function Distribution**  
BURSA N., ÖZEL KADILAR G.  
Second International Researchers, Statisticians and Young Statisticians Congress (IRSYSC-2016), 4 - 08 May 2016

## Supported Projects

Bursa N., Project Supported by Public Organizations in Other Countries, Detection of Cellular Fibrous Networks via Machine Learning, 2022 - 2024  
Bursa N., TUBITAK Project, 2021 - 2024

## Metrics

Publication: 33  
Citation (WoS): 19  
Citation (Scopus): 16  
H-Index (WoS): 2  
H-Index (Scopus): 1