# Sezgin Ciftci, PhD

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## EDUCATION

**Middle East Technical University** — Ankara, Turkey
Ph.D. in Statistics — October 2012–November 2020

- Thesis Topic: Bayesian Model Pooling For The Analysis Of Generalized Linear Models With Missing-Not-At-Random Covariates

**Hasselt University** — Hasselt, Belgium
Erasmus Exchange at Biostatistics — February 2017 –July 2017

**Middle East Technical University** — Ankara, Turkey
M.S. in Actuarial Sciences — September 2009–September 2012

- Thesis Topic: Risk Analysis Based On Spatial Analysis Of Chronic Obstructive Pulmonary Disease (COPD) And Lung Cancer With Respect To Provinces In Turkey

**Middle East Technical University** — Ankara, Turkey
B.S. in Statistics — September 2004–June 2009

## EXPERIENCE

**Temple University** — Philadelphia, PA, USA
Assistant Professor of Instruction — January 2022 - Present

- Department of Epidemiology and Biostatistics, College of Public Health

**Baskent University** — Ankara, Turkey
Lecturer — April 2015 - December 2022

- Department of Insurance, Faculty of Commercial Sciences

**University At Albany, SUNY** — Albany, NY, USA
Research Scholar — September 2017 - February 2018

- Department of Biostatistics and Epidemiology

**Baskent University** — Ankara, Turkey
Research Assistant — February 2011 - March 2015

- Department of Insurance, Faculty of Commercial Sciences

## PUBLICATIONS

## ARTICLES

**In-progress**

1. *(In Peer-Review Process)* **Çiftçi, S.**, Kalaylioglu, Z. (2022). A Bayesian Hybrid Method For The Analysis

of Generalized Linear Models with Missing-Not-At-Random Covariates *Journal of Statistical Computation and Simulation*

2. *(In preperation)* **Ciftci, S.**, Kaplan, O. (2022). Comparison of Normalization Techniques in Untargeted Metabolomics.

**Peer-Reviewed**

1. Cula, S., Muluk, Z., **Çiftçi, S.** (2016). Sigorta Personelinin Sigorta Eğitimi Konusunda Görüşleri. *Journal of Insurance Research/Sigorta Arastirmalari Dergisi*, 12.

2. **Çiftçi, S.**, Düzgün, Ş., Erkan, B.B. (2014). Risk analysis based on spatial analysis of chronic obstructive pulmonary disease (COPD) with respect to provinces in Turkey. *Journal of Computational and Applied Mathematics.*

## ORAL PRESENTATIONS AND POSTERS

1. *(Oral Presentation)* **Çiftçi, S.** (2021) Filtering Best Models Containing Missing Covariates by Using T-step Occam's Window. *4th International Conference on Data Science and Applications (ICONDATA'21)*, 04/06/2021 - 06/06/2021, Online

2. *(Oral Presentation)* Tuzun, I. K., Takay, B. A., Batum, U., **Ciftci, S.** (2015) A Research on Women Entrepreneurship in Turkey. *OFEL 2015 : 3rd international OFEL Conference on Governance, Management and Entrepreneurship* (p. 967). 17/04/2015 - 18/04/2015, Dubrovnik, Croatia

3. *(Poster)* **Çiftçi, S.**, Evkaya, O. (2013) The Prediction of Turkish Local Derby Matches. *8th International Statistical Congress (ISKON).* 28/10/2013 - 30/10/2013, Antalya, Turkey.

4. *(Oral Presentation)* Açıkalın S, Kuyucuoğlu, Ö., **Çiftçi, S.** (2013) The Application of Data Protection Insurance Against Cyber Attacks and Cyber Attack Liability Insurance in Turkey. / Siber Saldırılara Karşı Veri Koruma Sigortası ve Siber Saldırı Mali Sorumluluk Sigortasının Türkiye'deki Yeri ve Uygulaması. *1. Ulusal Sigorta ve Aktüerya Kongresi.* 06/06/2013 - 07/06/2013, Ankara, Turkey

5. *(Oral Presentation)* **Çiftçi, S.**, Düzgün, Ş., Erkan, B.B. (2012) Spatial Analysis of Chronic Obstructive Pulmonary Disease (COPD) on The Basis of Provinces in Turkey with Regards to Actuarial Risk Assessments. *International Conference on Applied and Computational Mathematics (ICACM).* 03/10/2012 - 06/10/2012, Middle East Technical University, Ankara, Turkey

# Teaching (Last 4 Semesters)

- **Assistant Professor** at Temple University, College of Public Health          Spring 2022
  Graduate Courses
    - Biostatistics (EPBI5002, 3 Credits)
    - Applied Analysis of Health (EPBI5005, 1.5 Credits)
    - Multivariable Biostatistics (EPBI8012, 3 Credits)

- **Lecturer** at Baskent University, Faculty of Commercial Sciences          Fall 2021
  Undergraduate Courses
    - Mathematical Statistics I (TBF221, 3 Credits)

- Probability Theory (SIGO311, 3 Credits)

- **Lecturer** at Baskent University, Faculty of Commercial Sciences — Spring 2021
  Undergraduate Courses
    - Mathematical Statistics II (TBF226, 3 Credits)
    - Life Tables and Models (SIGO354, 3 Credits)

- **Lecturer** at Baskent University, Faculty of Commercial Sciences — Fall 2020
  Undergraduate Courses
    - Mathematical Statistics I (TBF226, 3 Credits)
    - General Mathematics I (TBF121, 3 Credits)
    - Mathematics (TOT115, TRZ101, 3 Credits)

## PROJECTS

- Criminological Profile of Persons Convicted of Drug Use Crimes in Turkey. (Project Researcher, 2020)
  Republic of Turkey Ministry of Interior Department of Internal Security Strategies

- Criminological Profile of Perpetrators of Violence Against Women in Turkey. (Project Researcher, 2020)
  Republic of Turkey Ministry of Interior Department of Internal Security Strategies

- Turkey Life Tables Renewal Project (Project Researcher, 2017)
  Turkish Insurance Association. 2015-2017

- Women's Entrepreneurship in Ankara; Recommendations and Roadmap. (Project Researcher, 2013)
  Ankara Development Agency

## SKILLS

- **Programming Software Tools:** R, RStudio, SAS, Matlab, SPSS, OpenBUGS, ArcGIS, Tableau, Latex, Microsoft Office, Photoshop
- **Operating Systems:** Windows, MacOS, Linux
- **Certificates:** Qualitative Data Analysis with MaxQDA

## SCHOLARSHIPS AND AWARDS

- Research Scholarship 2017
  International Research Fellowship Programme for PhD Students, The Scientific and Technological Research Council of Turkey

- Most Successful Student 2011
  2009-2010 Academic Year Graduate Courses Performance Award, Middle East Technical University, Ankara, Turkey