

## Curriculum Vitae

1. **Name Surname: Birhan Taştan**
2. **Date of Birth: 1970**
3. **Title: Asst.Prof.**
4. **Education:**

<b>Degree</b>	<b>Field</b>	<b>University</b>	<b>Year</b>
Bachelor	Economics	Middle East Technical University	1993
Master	Computer Engineering	Atilm University	2004
Doctorate	Financial Mathematics	Middle East Technical University	2016

### 5. Academic Titles

**Asst.Prof: 2017**

**Assoc.Prof:**

**Prof. :**

### 6. Graduate Theses Supervised

#### 6.1 Master Theses

1. MEGDAD S., The Impact of Capital Structure Determinants on Financial Performance of Jordanian Commercial Banks, 2021
2. ALIYEVA U., The Impact Of Currency Devaluation On The Banking Sector Of Azerbaijan, 2020
3. ÖZKAN S.M., The Causality Between Macroeconomic Variables and Stock Prices: The Case of Mint Countries, 2019

#### 6.2 Doctorate Theses

### 7. Publications

#### 7.1. Articles published in peer reviewed international journals (SCI, SSCI Arts and Humanities)

- i. Taştan, Birhan, and Hatice Imamoglu. "The analysis of cross-correlation between Istanbul Stock Exchange and major stock markets and indices: An empirical analysis

- using Random Matrix Theory." *Concurrency and Computation: Practice and Experience* 34.21 (2022): e7113.
- ii. Tastan, S., Tastan, B., Ayhan, H., Iyigun, E., Kose, G., & Tekaut, A. (2021). Relationship between nursing students' smartphone addiction and interaction anxiety: A descriptive relation-seeker type study. *Perspectives in psychiatric care*
  - iii. Bakcek, O., Tastan, S., Iyigun, E., Kurtoglu, P., & Tastan, B. (2020). Comparison of PechaKucha and traditional PowerPoint presentations in nursing education: A randomized controlled study. *Nurse education in practice*, 42, 102695
  - iv. Kilic, A., Tastan, S., Ayhan, H., Seven, M., & Tastan, B. (2018). Reliability and validity of a Turkish version of the Sexual Quality of Life–Male questionnaire: a methodological study. *Sexual health*, 15(5), 413-419
  - v. Taştan, B., & Hayfavi, A. (2017). Modeling temperature and pricing weather derivatives based on temperature. *Advances in Meteorology*, 2017.
  - vi. Tastan, S., Tastan, B., Iyigun, E., & Ayhan, H. (2011). Nursing Students' Perception of the Internet in Turkey: A Questionnaire Survey. *Healthmed* 5(6) 1636-1642

## 7.2. Articles published in other peer reviewed international journals

## 7.3. Papers delivered in international conferences and printed as proceedings

- i. Titiz S.M., Tastan B.; The Causality Between Macroeconomic Variables and Stock Prices: The Case of Mint Countries, IERFM'2019, 3. International Economic research and Financial Markets Congress, November 7-8-9, Gaziantep, Turkey
- ii. Tastan B. The comparison of the periods of Borsa Istanbul 100 index with the periods of some possibly related indices, ICBFP'2017, The 2nd International Conference on Banking and Finance Perspectives, April 21, 2017, Famagusta, North Cyprus.
- iii. Tastan S, Tastan B, Iyigun E, Ayhan H. Nursing student's perception of the internet in Turkey: A questionnaire survey, Edulearn 10, International Conference on Education and New Learning Technologies, 5-7 July, 2010, Barcelona Spain. (Poster Presentation).

## 7.4. Books and sections in books published internationally

## 7.5. Articles published in peer reviewed national journals

## 7.6 Papers delivered at national conferences and printed as proceedings

## 7.7 Other publications

### Patents

**8. Projects directed and participated**

**9. Administrative designations**

**10. Membership in scholarly institutions**

**11. Awards and grants**

**12. Courses taught over the last two academic years**

Academic Year	Term	Course Name	Hours/week		Number of Students
			Theoretical	Applied	
2023-2024	Spring	MATH222 Financial Mathematics	3	1	10
		STAT222 Statistical Computing II	3	2	6
		Stat342 Nonparametric Statistical Methods	3	1	3
2024-2025	Fall	MATH322 Probability and Statistical Methods	3	1	97
		STAT351 Multivariate Statistical Analysis	3	1	6
		Stat477 Insurance and Actuarial Analysis	3		3
		Mate211 Biyoistatistik	2	1	92
2024-2025	Spring	Math 222	3	1	11
		Stat 222	3	2	5
2025-2026	Fall	Stat477 Insurance and Actuarial Analysis	3		4
		STAT351 Multivariate Statistical Analysis	3	1	3