

Fatih TANK, Ph.D.
Professor of Statistics
Atılım University
Department of Economics
06830 İncek, Gölbaşı, Ankara/TURKEY
fatih.tank@atilim.edu.tr
Tel: +90 312 586 6313

PERSONAL

Date of Birth	01 June 1973
Place of Birth	İstanbul

EDUCATION

2002	Ankara University, Statistics, Ph.D.
1997	Ankara University, Statistics, M.S.
1994	Ankara University, Statistics, B.S.

ACADEMIC POSITIONS

Mar 2025 - Present	Professor, Department of Economics, Atılım University, Turkey
Apr 2016 – Mar 2025	Professor, Department of Actuarial Sciences, Ankara University, Turkey
Oct 2013 – Jan 2014	Visiting Professor, Department of Actuarial Sciences, University of Amsterdam (UvA) , Netherlands
May 2011 – Apr 2016	Associated Professor, Department of Statistics, Ankara University, Turkey
Jan 2010 – May 2011	Assistant Professor, Department of Statistics, Ankara University, Turkey
Jan 2011 – Jul 2011	Visiting Professor, Department of Actuarial Sciences, KULeuven , Belgium
Jan 2003 – Jan 2010	Assistant Professor, Department of Statistics, Kırıkkale University, Turkey
May 1999 – Jul 1999	Researcher, Department of Actuarial Sciences, Boston University, USA.
Jan 1995 – Nov 2001	Research Assistant, Department of Statistics, Ankara University, Turkey

ADMINISTRATIVE DUTIES

<i>Jun 2023 – Feb 2025</i>	Chair, Department of Actuarial Sciences, Ankara University, Turkey
----------------------------	--------------------------------------------------------------------

HONORS&AWARDS

1	Research grant, The Scientific and Technological Research Council of Turkey (TUBITAK) 2014.
2	Research grant, The Scientific and Technological Research Council of Turkey (TUBITAK) 2011.

RESEARCH INTERESTS

1	Applied Probability
2	Risk Analysis
3	Actuarial Risk Analysis
4	Financial Mathematics

PROFESSIONAL SERVICE

1	Serving as Principal Editorial of Journal of Computational and Applied Mathematics, Elsevier (SCI-Q1)
2	Serving as Editorial Board Member of European Actuarial Journal

PUBLICATIONS

18	Kumari, P., Bhattacharjee, A., Vishwakarma, G.K. et al. Afthd: Bayesian accelerated failure time model for high-dimensional time-to-event data. Japanese Journal of Statistics and Data Science (InPress). (ESCI)
17	Elsawah, A. M.; Wang, Yi-An; Chen, Z.; Tank, Fatih, "A sequential designing-modeling technique when the input factors are not equally important", Computational and Applied Mathematics, 43, 9, (2024) (SCle)
16	Elsawah, A.M.; Wang, Yi-An; Tank, Fatih, "Minimum energy representative points", Journal of Computational and Applied Mathematics, 438, 115526, (2024). (SCle)
15	Vishwakarma, G. K., Bhattacharjee, A., Tank, F., Pashchenko, A. F., "Subgroup Identification of Targeted Therapy Effects on Biomarker for Time to Event Data", CANCER BIOMARKERS, 38, 4, 413-424, (2023). (SCle)
14	S. Eryilmaz, F. Tank, "Optimal age replacement policy for discrete time parallel systems", TOP, 31, 475–490 (2023). (SCle)
13	S. Eryilmaz, F. Tank, "Computing minimal signature of coherent systems through matrixgeometric distributions", Journal of Applied Probability , 58 (3), 621-636 (2021).
12	S. Nadarajah, H.S. Kwong, F. Tank, "Compound sum distributions with dependence", Statistics, 55 (2), 409-425 (2021). (SCle)
11	F. Tank, S. Eryilmaz, "On bivariate compound sums", Journal of Computational and Applied Mathematics, 365, Article number: 112371 (2020). (SCle)
10	F. Akat, A.S. Selcuk-Kestel, F. Tank, "The estimation of adopted mortality and morbidity rates using model and the phase type law: the Turkish case", Communications in Statistics-Simulation and Computation, 48, 2552-2565 (2019). (SCle)
9	S.A. Kemaloglu, A.F. Shapiro, F. Tank, A. Apaydin, "Using fuzzy logic to interpret dependent risks", Insurance: Mathematics and Economics, 79, 101-106 (2018). (SCle)
8	F. Tank, S. Eryilmaz, "The Distributions of Sum, Minima and Maxima of Generalized Geometric Random Variables ", Statistical Papers, 56, 1191-1203, (2015). (SCle)
7	F.Tank, A. Tuncel, "Some Results on the Extreme Distributions of Surplus Process with Nonhomogeneous Claim Occurrences", Hacettepe Journal of Mathematics and Statistics, 44(2), 475-484, (2015). (SCle)
6	A. Tuncel, F. Tank, "Computational results on the compound binomial risk model with nonhomogeneous claim occurrences", Journal of Computational and Applied Mathematics, 263, 69-77, (2014). (SCle)
5	Goovaerts, M., Linders, D., VanWeert, K., Tank, F., "On the interplay between distortion-, mean value- and Haezendonck–Goovaerts risk measures", Insurance: Mathematics and Economics, 51, 10-18 (2012). (SSCI)
4	Eryilmaz, S., Tank, F., "On reliability analysis of a two-dependent-unit series system with a standby unit", Applied Mathematics and Computation, 218(15), 7792-7797 (2012). (SCle)
3	Eryilmaz, S., Gebizlioglu, O.L, Tank, F., "Modeling of claim exceedances over random thresholds for related insurance portfolios", Insurance: Mathematics and Economics, 49(3),

	496-500, (2011). (SSCI)
2	Dalkilic, T.E., Tank, F., Kula, K.S., "Neural networks approach for determining total claim amounts in insurance", Insurance: Mathematics and Economics, 45, 236-241 (2009). (SCle)
1	Tank, F., Gebizlioglu, O.L., Apaydin, A., "Determination of Dependency Parameter in Joint Distribution of Dependent Risks by Fuzzy Approach", Insurance: Mathematics and Economics, 38, 189-194 (2006). (SSCI)

CITATIONS

Sum of times cited without self-citations (ISI Web of Science):	123
H-index (ISI Web of Science):	7

COURSES GIVEN

1	Probability and Statistics
2	Actuarial Mathematics
3	Financial Mathematics
4	Life Insurance
5	Non-life insurance
6	Statistical Softwares
7	Biostatistics