

Res. Asst. PhD PERVİN BAYLAN

Personal Information

Office Phone: [+90 232 301 8563](tel:+902323018563)

Email: pervin.baylan@deu.edu.tr

Web: <https://avesis.deu.edu.tr/pervin.baylan>

Address: Dokuz Eylül Üniversitesi Fen Fakültesi İstatistik Bölümü Tınaztepe Yerleşkesi 35390 Buca/İzmir

International Researcher IDs

ScholarID: qBUG1rAAAAAJ

ORCID: 0000-0003-2660-3814

Publons / Web Of Science ResearcherID: AFU-5148-2022

Yoksis Researcher ID: 141084

Education Information

Doctorate, Dokuz Eylül University, Fen Bilimleri Enstitüsü, Turkey 2006 - 2024

Postgraduate, Dokuz Eylül University, Fen Bilimleri Enstitüsü, İstatistik (YI) (Tezli), Turkey 2003 - 2006

Undergraduate, Ege University, Faculty of Science, İstatistik Bölümü, Turkey 1998 - 2003

Foreign Languages

English, C1 Advanced

Dissertations

Postgraduate, Comparison of the Methods for Constructing Point Estimates for Variance Components, Dokuz Eylül University, Fen Bilimleri Enstitüsü, İstatistik (YI) (Tezli), 2006

Research Areas

Actuarial Studies, Statistics, Statistical Analysis and Applications

Academic Titles / Tasks

Research Assistant PhD, Dokuz Eylül University, Fen Fakültesi, İstatistik Bölümü, 2006 - Continues

Researcher, The University of Manitoba, Asper School of Business, Warren Centre for Actuarial Studies and Research, 2016 - 2016

Researcher, The University of Manitoba, Asper School of Business, Warren Centre for Actuarial Studies and Research, 2011 - 2014

Articles Published in Other Journals

- I. **QUANTIFYING THE IMPACT OF RISK FACTORS ON DIRECT COMPENSATION PROPERTY DAMAGE IN CANADIAN AUTOMOBILE INSURANCE**
Baylan P., Demirel N.
Nicel bilimler dergisi (Online), vol.6, no.1, 2024 (Peer-Reviewed Journal)
- II. **Kollektif Risk Modellemesinde Panjer Yöntemi**
BAYLAN P., YAPAR G.
Dokuz Eylül Üniversitesi İktisadi ve İdari Bilimler Fakültesi Dergisi, vol.26, no.1, pp.139-150, 2011 (Peer-Reviewed Journal)

Books & Book Chapters

- I. Baylan P. (Editor)
Dokuz Eylül Üniversitesi Yayınları, İzmir, 2023

Refereed Congress / Symposium Publications in Proceedings

- I. **Bivariate Credibility Premiums Distinguishing Between Two Claims Types in Third Party Liability Insurance**
Baylan P., Kurt S., Demirel N., Pai J. S.
Young Business and Industrial Statisticians Workshop on Recent Advances in Data Science and Business Analytics, İstanbul, Turkey, 25 - 28 September 2019, pp.81
- II. **Trafik Sigortasında Prim Değerlendirmesini Etkileyen Faktörlerin Belirlenmesi**
Baylan P., Demirel N.
4. Ulusal Sigorta ve Aktüerya Kongresi, Ankara, Turkey, 24 - 25 June 2019, pp.32-33
- III. **Otomobil Sigortasında Aktüeryal Tarife Hesabında Kredibilite Yaklaşımı**
Baylan İrven P.
2. Ulusal Sigorta ve Aktüerya Kongresi, Ankara, Turkey, 17 - 18 September 2015, pp.40
- IV. **Otomobil Sigortasında Genelleştirilmiş Lineer Modeller Yardımıyla Hasarsızlık İndirim Sistemi**
Baylan İrven P.
2. Ulusal Sigorta ve Aktüerya Kongresi, Ankara, Turkey, 17 - 18 September 2015, pp.39
- V. **Experience Rating in Motor Insurance**
Baylan İrven P., Pai J. S.
47th Actuarial Research Conference, Winnipeg, Canada, 1 - 04 August 2012, pp.66
- VI. **An Optimal Bonus-Malus System In Health Insurance**
Baylan P., Yapar G.
5th Conference of the Eastern Mediterranean Region of the International Biometric Society, İstanbul, Turkey, 15 May 2009, pp.166
- VII. **Türkiye İçin Optimal Hasarsızlık İndirim Sistemi**
Baylan P., Yapar G.
10.Ekonometri ve İstatistik Sempozyumu, Erzurum, Turkey, 18 May 2009, pp.105
- VIII. **Kollektif Risk Modellemesinde Panjer Yöntemi**
Baylan İrven P., Yapar G.
9.Ekonometri ve İstatistik Sempozyumu, Aydın, Turkey, 12 May 2008
- IX. **Risk Modellemesinde Negatif Binom**
Baylan P., Yapar G.
5. İstatistik Kongresi, Antalya, Turkey, 20 - 24 May 2007, pp.218-219

Supported Projects

Pullukcuoğlu Yapucu O., Özgün C., Özmihçı S., Baylan P., TUBITAK Project, 2023 - 2025

BAYLAN P., Project Supported by Higher Education Institutions, Bühlmann Application for Insurance Premium Calculations, 2007 - 2010

Scientific Refereeing

CUMHURİYET SCIENCE JOURNAL, National Scientific Refreed Journal, May 2024

Metrics

Publication: 14

Congress and Symposium Activities

V. International Applied Statistic Congress, Attendee, İstanbul, Turkey, 2024

Invited Speaker, İzmir, Turkey, 2024

Invited Speaker, İzmir, Turkey, 2024

Dokuz Eylül Üniversitesi İstatistik Bölümü Seminer Günleri, Audience, İzmir, Turkey, 2023

Dokuz Eylül Üniversitesi İstatistik Bölümü Seminer Günleri, Audience, İzmir, Turkey, 2023

Dokuz Eylül Üniversitesi İstatistik Bölümü Seminer Günleri, Audience, İzmir, Turkey, 2023

Dokuz Eylül Üniversitesi İstatistik Bölümü Seminer Günleri, Audience, İzmir, Turkey, 2023

Dokuz Eylül Üniversitesi İstatistik Bölümü, Audience, İzmir, Turkey, 2022

Audience, İzmir, Turkey, 2022

Robust Bayesian Sparse Relevance Vector Machines in Regression and Supervised Classification, Audience, İzmir, Turkey, 2022

Audience, İzmir, Turkey, 2022

Professional Life Story of a World-Famous Statistician: Distinguished University Professor Narayanaswamy Balakrishnan, Audience, İzmir, Turkey, 2022

Audience, İstanbul, Turkey, 2021

Audience, İzmir, Turkey, 2021

Audience, İstanbul, Turkey, 2020

Dokuz Eylül Üniversitesi Fen Fakültesi Seminer Günleri, Audience, İzmir, Turkey, 2020

Young Business and Industrial Statisticians Workshop on Recent Advances in Data Science and Business Analytics, Attendee, İstanbul, Turkey, 2019

Attendee, Ankara, Turkey, 2019

Session Moderator, Giresun, Turkey, 2016

Attendee, Ankara, Turkey, 2015

Audience, Ankara, Turkey, 2015

Session Moderator, Samsun, Turkey, 2015

Lectures on Censored Models and Inferential Methods, Audience, Muğla, Turkey, 2014

Meta Analysis and Statistical Inference Based on Ordered and Ranked Data, Audience, İzmir, Turkey, 2014

UMAC Fish Dinner, Audience, Winnipeg, Canada, 2013

Warren Chair Distinguished Visiting Scholar, Audience, Winnipeg, Canada, 2013

Warren Chair Distinguished Visiting Scholar, Audience, Winnipeg, Canada, 2013

Warren Chair Distinguished Visiting Scholar, Audience, Winnipeg, Canada, 2013

The Centennial Dinner at the University of Manitoba, Audience, Winnipeg, Canada, 2012

47th Actuarial Research Conference, Attendee, Winnipeg, Canada, 2012

The Robert and Elizabeth Knight Distinguished Visitor, Audience, Winnipeg, Canada, 2012

Warren Chair Distinguished Visiting Scholar, Audience, Winnipeg, Canada, 2012

UMAC Fish Dinner, Audience, Winnipeg, Canada, 2011

Audience, İzmir, Turkey, 2011

Attendee, Erzurum, Turkey, 2009

5th Conference of The Eastern Mediterranean Region of The International Biometric Society (EMR-IBS), Attendee, İstanbul, Turkey, 2009

Audience, Samsun, Turkey, 2008

Audience, İzmir, Turkey, 2008

Attendee, Aydın, Turkey, 2008

Audience, İzmir, Turkey, 2008

Audience, İzmir, Turkey, 2007

Attendee, Antalya, Turkey, 2007

Attendee, İzmir, Turkey, 2007

Audience, İzmir, Turkey, 2006

Audience, İzmir, Turkey, 2006

Audience, İzmir, Turkey, 2006

Ordered Statistical Data: Approximations, Bounds and Characterizations 2005, Audience, İzmir, Turkey, 2005

Scholarships

TUBITAK, 2011 - 2014

Awards

Baylan P., Üstün Başarı Belgesi, Dokuz Eylül Üniversitesi Fen Bilimleri Enstitüsü, June 2024