

## Elif (ÜNAL) ÇOKER

Mimar Sinan Fine Arts University, Faculty of Science and Letters, Department of Statistics

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### Education

- MIMAR SINAN FINE ARTS UNIVERSITY**, Istanbul, Turkey 2003-2009
- **Ph.D. in Institute of Science and Technology, Statistics Programme**  
**Dissertation:** A Comparative Application of Multilevel Regression Models and Multilevel Structural Equation Models
- MIMAR SINAN UNIVERSITY**, Istanbul, Turkey 2001-2003
- **MSc. in Institute of Science and Technology, Statistics Programme**  
**MSc. Thesis:** Bayesian Vector Autoregression Models and An Application on The Inflation in Turkey
- HACETTEPE UNIVERSITY**, Ankara, Turkey 1996-2001
- **BA in Faculty of Science, Department of Statistics**
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### Work Experience

- MIMAR SINAN FINE ARTS UNIVERSITY**  
**The Faculty of Science and Letters, Department of Statistics, Istanbul, Turkey**
- **Assistant Professor Dr.**  
January 2010-Present
- MIMAR SINAN FINE ARTS UNIVERSITY**  
**The Faculty of Science and Letters, Department of Statistics, Istanbul, Turkey**
- **Research Assistant**  
August 2008-January 2010
- UTRECHT UNIVERSITY**  
**Faculty of Social and Behavioral Sciences, Department of Methodology and Statistics, Utrecht, Netherlands**
- **Socrates-Erasmus Exchange Ph.D. student**  
October 2007-August 2008
- MIMAR SINAN FINE ARTS UNIVERSITY**  
**The Faculty of Science and Letters, Department of Statistics, Istanbul, Turkey**
- **Research Assistant**  
November 2001-October 2007
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### Publications

- **Çoker E.**, Howe J.A., 2015, "Kernel Density Estimation Transformed Multilevel Modeling", 10<sup>th</sup> International Conference on Multilevel Analysis, Utrecht, Netherlands.

- Yamak, S., Ergur, A., Ünsal, A., Özbilgin M., **Çoker E. Ü.**, 2011, New Turkish Business Elites: Resources, Networks, Boundaries, and Mobility, in Andrew and Nada Kakabadse (eds) Global Elites: The Opaque nature of Transnational Policy Determination, Basingstoke: Palgrave: UK.
- Yamak S., Ergur E., Ünsal A., Özbilgin M., **Çoker E. Ü.**, 2011, “New Turkish Business Elites: Resources, Networks, Boundaries, and Mobility” European Academy of Management, Temmuz, Talin Estonya.
- Deniz Howe E., **Ünal Çoker E.**, Howe J.A., 2011, “The Comparison of Information Criteria in Multilevel Confirmatory Factor Analysis in the Case of Unbalanced Data”, The Seventh International Statistics Congress, Antalya, Turkey. (In Turkish)
- **Ünal Çoker E.**, Deniz Howe E., Howe J.A., 2011, “Exploring the Performance of Information Criteria in Multilevel Structural Equation Modelling”, The Eighth International Amsterdam Conference on Multilevel Analysis, Amsterdam, Netherlands.
- **Çoker E.**, Yay M., Uysal Ö., 2010, “Investigating Dental Care Status with Multilevel Models”, Challenges for Analysis of the Economy, the Businesses, and Social Progress, International Scientific Conference, Proceedings of the Challenges for Analysis of the Economy, the Businesses, and Social Progress International Scientific Conference, Editors: Kovács P., Szép K., Katona T., ISBN 978-963-069-558-9, Szeged, Hungary.
- Yamak, S., Ergur, A., Ünsal, A., Özbilgin M., **Çoker E. Ü.**, 2010, “New Turkish Business Elites”, Elite Seminar, Buxton, September 15, England.
- **Çoker E.**, Kiroğlu G., Hox J., 2009, “Examining the Health Behaviour of School-aged Children in Turkey through a Comparison of Multilevel Regression Models and Multilevel Path Models”, The Seventh International Amsterdam Conference on Multilevel Analysis, Amsterdam, Netherlands.
- Yay M., **Çoker E.**, Uysal Ö., 2007, “Cox Regression Models in Survival Analysis and Examining the Residuals”, Cerrahpaşa Tıp Dergisi, 38: 139-145, İstanbul, Turkey. (In Turkish)
- **Çoker E.**, Sezgin F., 2007, “Analyzing the Inflation in Turkey through Bayesian Vector Autoregression Models”, Marmara Üniversitesi Sosyal Bilimler Dergisi Öneri, Cilt:7, Yıl:14, Sayı:28, Haziran, İstanbul, Turkey. (In Turkish)
- Demirkök S.S., Başaranoğlu M., **Çoker E.**, Karayel T., 2007, “Seasonality of the onset of symptoms, Tuberculin test anergy and Kveim positive reaction in a large cohort of patients with sarcoidosis”, Asian Pacific Society of Respirology, Jul 12 (4): 591-593, Short Communication.
- Başaranoğlu M., Demirkök S.S., **Çoker E.**, 2006, “Considerations in seasonal variation studies in IBD and re-evaluation of Aratari et al.’s seasonality results”, Digestive and Liver Disease, Vol:38(9):710-711.

- Demirkök S.S., Başaranoğlu M., Derviş E., **Ünal E.**, Karayel T., 2005, “Erythema Nodosum Due to Sarcoidosis vs. Other Causes”, ATS 2005 San Diego International American Thoracic Society, Poster Discussion Session, San Diego, U.S.A.
  - **Ünal E.**, 2003, “Bayesian Vector Autoregression Models and An Application on The Inflation in Turkey”, The First Young Statisticians Congress, Dokuz Eylül University, Poster Discussion, İzmir, Turkey. (In Turkish)
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### **Guided Students**

- Ece Karabay, 2011, “Joint Correspondence Analysis and Applications”, MSc. Thesis, (in Turkish), Mimar Sinan Fine Arts University.
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### **Participated Workshops and Symposiums**

- “10<sup>th</sup> International Conference on Multilevel Analysis”, April 2015, Utrecht, Netherlands.
- “Multilevel Structural Equation Modeling in R”, April 2015, Workshop in 10<sup>th</sup> International Conference on Multilevel Analysis, Utrecht, Netherlands.
- “The Seventh International Statistics Congress”, April 2011, Antalya, Turkey.
- “The Eighth International Amsterdam Conference on Multilevel Analysis”, March 2011, Amsterdam, Netherlands.
- “Introduction to R”, March 2011, Workshop in The Eighth International Amsterdam Conference on Multilevel Analysis, Amsterdam, Netherlands.
- “Multilevel Modelling Using R and lme4”, March 2011, Workshop in The Eighth International Amsterdam Conference on Multilevel Analysis, Amsterdam, Netherlands.
- “Challenges for Analysis of the Economy, the Businesses, and Social Progress”, International Scientific Conference, November 2009, Szeged, Hungary.
- “Longitudinal Data Analysis with Missing Data”, Course in “Fifth Conference of the Eastern Mediterranean Region of the International Biometric Society, May 2009, İstanbul, Turkey.
- “The Seventh International Amsterdam Conference on Multilevel Analysis”, April 2009, Amsterdam, Netherlands.
- “Multilevel Analysis of Longitudinal Data”, April 2009, Workshop in The Seventh International Amsterdam Conference on Multilevel Analysis, Utrecht, Netherlands.
- “The Sixth International Amsterdam Conference on Multilevel Analysis”, April 2007, Amsterdam, Netherlands.

- “Multilevel Structural Equation Modelling”, April 2007, Workshop in The Sixth International Amsterdam Conference on Multilevel Analysis, Utrecht, Netherlands.
  - “The Fifth International Amsterdam Conference on Multilevel Analysis”, April 2005, Amsterdam, Netherlands.
  - “Multilevel Latent Class Models”, April 2005, Workshop in The Fifth International Amsterdam Conference on Multilevel Analysis, Amsterdam, Netherlands.
  - “The Fourth Statistics Congress”, May 2005, Antalya, Turkey.
  - “Statistics Research Symposium”, 2003, State Institute of Statistics(SIS), Ankara, Turkey.
  - “The Third Statistics Congress”, April 2003, Antalya, Turkey.
  - The First Young Statisticians Congress, August 2003, Dokuz Eylül University, İzmir, Turkey.
  - “Statistical Days 2002 Symposium”, 2002, Hacettepe University, Ankara, Turkey.
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### **Courses Taught**

“**Mathematical Statistics I**” (Second year, Undergraduate course, Department of Statistics, in Turkish)

“**Mathematical Statistics II**” (Second year, Undergraduate course, Department of Statistics, in Turkish)

“**Mathematical Statistics**” (Second year, Undergraduate course, Department of Mathematics, in Turkish)

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### **Memberships**

- Turkish Statistics Graduate Association