

*Curriculum Vitae
of
Evrin Oral*



MAILING ADDRESS:

Department of Statistics
Middle East Technical University
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EDUCATION:

Doctor of Philosophy in Statistics

Professor Emeritus of Statistics
McMaster University
Ontario, Canada

Hacettepe University, June 2002
Thesis Title: Stochastic and Nonstochastic
Covariates in Binary Regression

Advisor: Prof. Moti Lal Tiku
Visiting Professor, Dept of Statistics
Middle East Technical University
Ankara, Turkey

Advisor: Prof. Suleyman Gunay
Hacettepe University
Ankara, Turkey

Grade Point Average: 4.00

Master of Science in Statistics

Hacettepe University, September 1998
Thesis Title: Comparing Estimators Using
Pitman's Measure of Closeness

Advisor: Prof. Suleyman Gunay
Hacettepe University
Ankara, Turkey

Grade Point Average: 4.00

Bachelor of Science in Statistics

Hacettepe University, June 1995
Grade Point Average: 3.31

PROFESSIONAL EMPLOYMENT:

Assistant Professor Department of Statistics Middle East Technical University, Ankara-Turkey	08/2006-Present
Visiting Scholar Department of Biostatistics University of Washington Seattle, WA-USA	09/2005-02/2006
Visiting Scholar Department of Epidemiology University of Washington Seattle, WA-USA	09/2004-09/2005
Instructor Department of Statistics Middle East Technical University, Ankara-Turkey	05/2003-08/2006
Research Assistant Department of Statistics Hacettepe University, Ankara-Turkey	02/1996-05/2003

TEACHING EXPERIENCE:

Middle East Technical University As an instructor:	05/2003-Present <i>Biostatistics, Probability I, Probability Theory, Statistics for Engineers, Statistical Quality Control, Nonparametric Statistics and Statistical Computing I</i> courses
Hacettepe University As a teaching assistant:	02/1996-05/2003 <i>Mathematical Statistics I, Mathematical Statistics II and Regression Analysis</i> courses

HONORS, AWARDS, SCHOLARSHIPS:

New Faculty Start-Up Research Grant by METU, September 2006. (5,000 YTL ~\$ 3,351)

Travel Award of the Scientific and Technical Research Council of Turkey for Investigators, 2006.

Postdoctoral Research Scholarship awarded by the Scientific and Technical Research Council of Turkey within the scope of NATO Science Fellowship, 2004.

Travel Award of the Scientific and Technical Research Council of Turkey for Investigators, 2003.

Second rank in the graduates of the Department of Statistics, 1995.

RESEARCH INTERESTS:

Binary Regression, Logistic Regression, Ordinal Regression, GLM, Latent Variables Analysis, Longitudinal Data Analysis, Missing data problems, Imputation techniques and Misclassification problems, Cancer Epidemiology, Modeling in Epidemiology.

PUBLICATIONS:

Articles

Oral E., 2006, Binary Regression with Stochastic Covariates, Communications in Statistics-Theory and Methods, Vol. 35, Issue 8, 1429-1447.

Troen A. M., Mitchell B., Sorensen B., Wener, M., Johnston A., Wood B., Selhub J., McTiernan A., Yasui Y., Oral, E., Potter J. D. and Ulrich C. M., 2006, Unmetabolized folic acid in plasma is associated with reduced natural killer cell cytotoxicity among postmenopausal women, Journal of Nutrition, Vol. 136, No:1, 189-194.

Oral E. and Gunay S., 2004, Stochastic Covariates in Binary Regression, Hacettepe Journal of Mathematics and Statistics, 33, 97-109.

Erk G., Oral E. and Gogus N., 2001, The comparison of anaesthesia induction, maintenance, recovery and cognitive functions in geriatric patients during midazolam-fentanyl and sevoflurane anaesthesia, Journal of the faculty of Medicine, University of Selcuk, Konya, Turkey, 17, 7-15 (in Turkish).

Proceeding Papers

Oral E., 2006, Modified Maximum Likelihood Estimation of the Proportional Odds Model, 2006 Proceedings of the American Statistical Association, Biometrics Section [CD-ROM], Alexandria, VA: American Statistical Association (in press).

Oral E., 2005, Parameter Estimation in Poisson Regression via Modified Maximum Likelihood Method, 2005 Proceedings of the American Statistical Association, Biometrics Section [CD-ROM], Alexandria, VA: American Statistical Association, 347-355.

Oral E. and Gunay S., 1998, Comparing Estimators via Pitman's Measure of Closeness, Proceedings of Research Symposium'98 of State Institute of Statistics, Prime Ministry Republic of Turkey, November, Ankara, Turkey, 167-176 (in Turkish).

Oral E. and Gunay S., 1998, Pitman's Measure of Closeness, Proceedings of the Statistics Conference held by Gazi University, October, Ankara, Turkey, 69-83 (in Turkish).

Presented Conference Papers

Oral E., 2006, Robust Estimation in Multinomial Logit Models, 23. International Biometric Conference, July, Montreal, Quebec-Canada.

Oral E. and Miglioretti D. L., 2005, Multivariable Binary Regression with Stochastic Covariates, International Biometric Society, ENAR, March, Austin, Texas-USA.

Oral E., 2003, Nonlinear Relationship in Binary Regression, 54. Session of International Statistical Institute, August, Berlin, Germany.

Oral E., 2003, Modified Maximum Likelihood Estimators in Binary Regression, The Second International Biometric Society Conference of the Eastern Mediterranean Region, January, Antalya-Turkey.

Invited Talks

Oral E., 2005, Stochastic Covariates in Binary Regression, Joint VA/CHS Biostatistics Seminars, Group Health, Center for Health Studies, Seattle, Washington-USA.

Posters

Erk G., Oral E. and Gogus N., 1999, The effects of VIMA and TIVA on anaesthesia induction and mental functions in geriatric patients, 33. Turkish Anaesthesiology and Reanimation Congress, September, Mersin, Turkey (in Turkish).

Papers in Progress

Oral E., (2006) Robust Estimation in Generalized Linear Models (To be submitted to *Biometrical Journal*)

Oral E. and Tiku M. L., (2006) Multivariable Binary Regression with Stochastic and Non-stochastic covariates (To be submitted to *Int. Stat. Rev.*)

COMPUTER SKILLS:

Programming languages and Statistical Packages

FORTRAN, SAS, SPSS, S-PLUS, MINITAB, STATISTICA

Operating Systems

Windows, DOS, Unix

Other Packages

Matematica, Mathcad

PROFESSIONAL MEMBERSHIPS:

American Statistical Association (ASA)

International Biometric Society (IBS)-The Eastern Mediterranean Region (EMR)