

Prof. Hayrettin Okut

Personal Information

Office Phone: [+90 432 444 5065](tel:+904324445065) Extension: 21645

Office Phone: [+90 53905221](tel:+9053905221) Extension: 2

Email: hokut@yyu.edu.tr

Web: <https://avesis.yyu.edu.tr/hokut>

Education Information

Post Doctorate, University of Nebraska-Lincoln, Animal Sciences/ Biometry And Genetics, United States Of America 1997 - 1998

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Education Management and Planning, Supervised and un-supervised machine learning methods for big data, Washington University Department of Biostatistics Summer School, 2015

Dissertations

Doctorate, Fenotipik benzenlerin çiftleştirilmesinin iki karakterin genetik parametrelerin deęişimine etkisi: Bir simülasyon çalışması, Ege University, Biometri Ve Genetik, Zootekni, 1992

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biostatistics and Medical Informatics, Social Sciences and Humanities, Psychology, Psychometry, Agricultural Sciences, Agriculture, Zootekni and Animal Nutrition, Biometrics, Statistics, Statistical Analysis and Applications, Natural Sciences

Academic Titles / Tasks

Professor, Van Yüzüncü Yil University, Ziraat Fakültesi, Zootekni, 2002 - Continues

Professor, Wake Forest University, School Of Medicine , Genomic Center, 2015 - 2017

Professor, Università Degli Studi di Bologna, Life Sciences, Animal Sciences, 2014 - 2014

Professor, University of Wisconsin-Madison, Life Sciences, Animal Sciences, 2009 - 2012

Professor, Università Degli Studi di Bologna, Life Sciences, Animal Sciences, 2006 - 2006

Associate Professor, University of Oregon, Oregon Research Inst. And Business Colloge, Decision Sciences, 2001 - 2003

Associate Professor, Van Yüzüncü Yil University, Ziraat Fakültesi, Zootekni, 1996 - 2002

Associate Professor, University of Nebraska-Lincoln, Life Sciences, Animal Sciences, 1997 - 1998

Assistant Professor, Van Yüzüncü Yil University, Ziraat Fakültesi, Zootečni, 1993 - 1996
Research Assistant, Van Yüzüncü Yil University, Ziraat Fakültesi, Zootečni, 1986 - 1993
Research Assistant, Ege University, Ziraaf Fakültesi, Zootečni, 1988 - 1992
Research Assistant, University of Minnesota-Twin Cities, Life Sciences, Animal Sciences, 1990 - 1991

Academic and Administrative Experience

Van Yüzüncü Yil University, Ziraat Fakültesi, Zootečni, 1993 - 2016
Van Yüzüncü Yil University, Ziraat Fakültesi Dekan Vek., 2008 - 2009
Van Yüzüncü Yil University, 2007 - 2009
Van Yüzüncü Yil University, 2007 - 2009
Van Yüzüncü Yil University, 2007 - 2009
Van Yüzüncü Yil University, 2004 - 2009
Van Yüzüncü Yil University, Ziraaf Fakültesi, Zootečni, 2004 - 2007
Van Yüzüncü Yil University, 2003 - 2005
Van Yüzüncü Yil University, 1996 - 2001
Van Yüzüncü Yil University, 1996 - 2001
Van Yüzüncü Yil University, Fan Bilimleri, 1996 - 2001
Van Yüzüncü Yil University, Ziraaf Fakültesi, 1996 - 2001
Van Yüzüncü Yil University, 1995 - 1996

Courses

Genetic Epidemiology, Doctorate, 2017 - 2018
Genetic Epidemiology, Doctorate, 2016 - 2017
Mixed Models for Genetic Data, Doctorate, 2014 - 2015
Eđitim Bilimlerinde Özel İstatistiksel Teknikler, Doctorate, 2014 - 2015
Yapay Sinir Ağları, Doctorate, 2012 - 2013
Linear and Generalized Linear Mixed Models, Doctorate, 2006 - 2007
Longitudinal Data Analysis, Doctorate, 2006 - 2007
Linear and Multivariate Regression, Doctorate, 2006 - 2007
Karışık Modeller, Doctorate, 2003 - 2004
Uygulamalı Regresyon Analizi, Postgraduate, 1997 - 1998, 2003 - 2004
Yapısal Eşitlik Modelleri, Doctorate, 2003 - 2004
Genelleştirilmiş Doğrusal Modeller, Doctorate, 1997 - 1998
Araştırma ve Deneme Yöntemleri, Undergraduate, 1995 - 1996, 1997 - 1998
Bilgisayar Uyg. Araştırma ve Deneme Yöntemleri, Postgraduate, 1997 - 1998
Çok Deđişkenli İstatistik, Doctorate, 1995 - 1996, 1997 - 1998
Doğrusal Modeller, Doctorate, 1994 - 1995, 1995 - 1996, 1997 - 1998
İstatistik, Undergraduate, 1997 - 1998
Dğrusal Modeller, Doctorate, 1996 - 1997
İstatistiđe Giriş, Undergraduate, 1994 - 1995, 1995 - 1996, 1996 - 1997
Varyasyon Kaynakları, Postgraduate, 1996 - 1997
Araştırma ve Deneme Yöntemleri, Undergraduate, 1996 - 1997
Araştırma ve Deneme Yöntemleri, Postgraduate, 1996 - 1997
İstatistik, Undergraduate, 1996 - 1997
Bioistatistik, Undergraduate, 1995 - 1996
Parametrik Olmayan İstatistik, Postgraduate, 1995 - 1996
Bilgi. Uyg. Araştırma ve Deneme Yöntemleri, Postgraduate, 1995 - 1996

Araştırma ve Deneme Yöntemleri, Undergraduate, 1994 - 1995
Uygulamalı Regresyon Analizi, Postgraduate, 1994 - 1995
Bilgisayar Uyg. Araştırma ve Deneme Yöntemleri, Postgraduate, 1994 - 1995
Araştırma ve Deneme Yöntemleri, Undergraduate, 1993 - 1994
Bilgisayar Uyg. Araştırma ve Deneme Yöntemleri, Doctorate, 1994 - 1995
Temel İstatistik, Undergraduate, 1993 - 1994
Bil. Uygulamalı Araştırma ve Denem Yöntemleri, Postgraduate, 1993 - 1994
Temel İstatistik, Undergraduate, 1993 - 1994
Temel İstatistik, Undergraduate, 1993 - 1994
Temel İstatistik, Undergraduate, 1993 - 1994
Temel İstatistik, Undergraduate, 1993 - 1994
Araştırma ve Denem Yöntemleri, Undergraduate, 1993 - 1994

Advising Theses

Okut H., Bayesian Regularizasyon ve Scale Congugate yöntemlerinin performanslarının karşılaştırılması, Postgraduate, M.Can(Student), 2015
Okut H., Gibbs sampler approach with different burn-in and thinning in structural equation modeling, Doctorate, S.Şehribanoğlu(Student), 2012
Okut H., Determine gene expression level in microarray data using hierarchical Bayesian approach, Doctorate, B.Kaki(Student), 2012
Okut H., Model Selection in multilevel generalized linear mixed models for longitudinal data with missing values., Doctorate, G.Ser(Student), 2010
Okut H., Chromosome anomaly frequency in mental deficiency of children, Doctorate, H.Çaksen(Student), 2008
Okut H., Prediction of risk factor in evaluation of physical education exams, Doctorate, M.Kayrı(Student), 2007
Okut H., Comparison of different methods for parameter estimates for two parameterized Weibull Distribution: A case study for wind data, Doctorate, M.Nuri(Student), 2006
Okut H., Discrete Choice Modeling by Adjacent Category Logit for Consumer Preferences, Postgraduate, Ş.Berber(Student), 2005
Okut H., QTL detection on chromosome 7 for milk production, Doctorate, H.Koyun(Student), 2004
Okut H., SEM'in Eğitim alanındaki çalışmalarında kullanımı, Postgraduate, S.Şehribanoğlu(Student), 2004
Okut H., SEM Models to Evaluate Success of Middle Schools in Van, Postgraduate, M.Boysan(Student), 2004
Okut H., Comparison of MQL, PQL and MCMC in generalized linear multilevel models, Doctorate, S.G(Student), 2003
Okut H., Change-Over denemelerin hasvan besleme araştırmalarındaki rolunun değerlendirilmesi, Postgraduate, H.Arap(Student), 1998
Okut H., EM, Fisher Schoring ve Newton Rapson Yöntemlerini Parametre tahminlerinde karşılaştırılması, Postgraduate, S.Akkol(Student), 1995
Okut H., Gibbs Yöntemi ile genetik parametre tahminin yapılması, Postgraduate, A.Yeşilova(Student), 1995
Okut H., BLUE ve BLUP'ta outlier seçimi, Postgraduate, A.Taşdelen(Student), 1994

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Many Kansas Worksites Offer Few Interventions to Reduce Occupational Sedentary Behavior**
Ablah E., Grilliot E., Okut H., Mailey E. L. , Rosenkranz S. K. , Rosenkranz R. R.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH, vol.15, no.8, pp.1-6, 2018
(Journal Indexed in SSCI)
- II. **Metabolomics Identifies Distinctive Metabolite Signatures for Measures of Glucose Homeostasis: The Insulin Resistance Atherosclerosis Family Study (IRAS-FS)**
Palmer N. D. , Okut H., Hsu F., Ng M. C. Y. , Chen Y. I. , Goodarzi M. O. , Taylor K. D. , Norris J. M. , Lorenzo C., Rotter J.

I., et al.

JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM, vol.103, no.5, pp.1877-1888, 2018 (Journal Indexed in SCI)

- III. **Investigation of genetic structure in van cats using microsatellite**
Koyun H., Koncagul S., Karakuş K., Okut H., Küçük M., Yılmaz A., Özkan C., Yeşilova A., Kaya A., Taşpınar M.
JOURNAL OF BIOTECHNOLOGY, vol.1, no.1, pp.18, 2017 (Journal Indexed in SCI)
- IV. **Associations Between GH, PRL, STAT5A, OPN, PIT-1, LEP and FGF2 Polymorphisms and Fertility in Holstein-Friesian Heifers**
Oner Y., Yılmaz O., Okut H., Ata N., Yılmazbas-Mecitoglu G., Keskin A.
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.23, no.4, pp.527-534, 2017 (Journal Indexed in SCI)
- V. **Aki And Dcd Kidneys As A Research Platform For Kidney Regeneration And Repair: Bridging Regenerative Medicine To Organ Transplantation**
Orlando G., DANGER R., Okut H., Bussolati B., Gall E., Edgar L., Wagenknecht L. E., Tamburrini R., Brouard S., Walker S.
TRANSPLANT INTERNATIONAL, vol.30, pp.555, 2016 (Journal Indexed in SCI)
- VI. **The effect of ovulatory follicle size at the time of insemination on pregnancy rate in lactating dairy cows**
KESKİN A., MECİTOĞLU G., Bilen E., Guner B., ORMAN A., Okut H., GÜMEN A.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.40, no.1, pp.68-74, 2016 (Journal Indexed in SCI)
- VII. **Bayesian Regularized Neural Networks for Small n Big p Data**
Okut H.
ARTIFICIAL NEURAL NETWORKS: MODELS AND APPLICATIONS, pp.27-48, 2016 (Journal Indexed in SCI)
- VIII. **Evaluation of prediction ability of Cholesky factorization of genetic relationship matrix for additive and non-additive genetic effect using Bayesian regularized neural network**
Okut H., Gianola D., Rosa G. J., Weigel K.
JOURNAL OF GENETICS, vol.1, pp.1-15, 2015 (Journal Indexed in SCI Expanded)
- IX. **Demographic Assessment of Plant Cultivar Resistance to Insect Pests: A Case Study of the Dusky-Veined Walnut Aphid (Hemiptera: Callaphididae) on Five Walnut Cultivars**
AKKOPRU E. P., Athlan R., Okut H., CHI H.
JOURNAL OF ECONOMIC ENTOMOLOGY, vol.108, no.2, pp.378-387, 2015 (Journal Indexed in SCI)
- X. **Effect of genotype imputation on genome-enabled prediction of complex traits: an empirical study with mice data**
Felipe V. P. S., Okut H., Gianola D., Silva M. A., Rosa G. J. M.
BMC GENETICS, vol.15, 2014 (Journal Indexed in SCI)
- XI. **Microsurgical Anatomy of the Denticulate Ligaments and Their Relationship with the Axilla of the Spinal Nerve Roots**
Gurer B., Canbay S., Bozkurt M., Cikla U., Hananya T., Okut H., Baskaya M. K.
CLINICAL ANATOMY, vol.27, no.5, pp.733-737, 2014 (Journal Indexed in SCI)
- XII. **COMPARISON OF SYNCHRONISATION AND FERTILITY AFTER DIFFERENT MODIFICATIONS OF THE OVSYNCH PROTOCOL IN CYCLIC DAIRY COWS**
Yılmazbas-Mecitoglu G., Karakaya E., KESKİN A., GÜMEN A., Koc V., Okut H.
ACTA VETERINARIA HUNGARICA, vol.62, no.1, pp.64-73, 2014 (Journal Indexed in SCI)
- XIII. **Predicting expected progeny difference for marbling score in Angus cattle using artificial neural networks and Bayesian regression models**
Okut H., Wu X., Rosa G. J. M., Bauck S., Woodward B. W., Schnabel R. D., Taylor J. F., Gianola D.
GENETICS SELECTION EVOLUTION, vol.45, 2013 (Journal Indexed in SCI)
- XIV. **Predicting expected progeny difference for marbling score in Angus cattle using artificial neural networks and Bayesian regression models. Genetics Selection Evolution**
Okut H., Woodward B., Rosa G. J., Bauck S., Wu X., Schnabel R., Taylor J., Gianola D.
GENETICS SELECTION EVOLUTION, vol.45, no.1, pp.1-15, 2013 (Journal Indexed in SCI)
- XV. **Effect of presynchronization strategy before Ovsynch on fertility at first service in lactating dairy**

cows

Gumen A., Keskin A., Yilmazbas-Mecitoglu G., Karakaya E., Alkan A., Okut H., Wiltbank M. C.
THERIOGENOLOGY, vol.78, no.8, pp.1830-1838, 2012 (Journal Indexed in SCI)

- XVI. **Effects of presynchronization with gonadotropin-releasing hormone prostaglandin F2 α or progesterone before Ovsynch in noncyclic dairy cows**
Keskin A., KARAKAYA E., YILMAZBAS-MECITOGLU G., Okut H., Gumen A.
JOURNAL OF DAIRY RESEARCH, vol.95, pp.7186-7194, 2012 (Journal Indexed in SCI)
- XVII. **The effect of intrauterine cephalosporin treatment after insemination on conception rate in repeat breeder dairy cows subjected to the progesterone-based Ovsynch protocol**
GÜMEN A., Yilmazbas Mecitoglu G., KESKİN A., Karakaya E., Alkan A., Tasdemir U., Okut H.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.36, no.6, pp.622-627, 2012 (Journal Indexed in SCI)
- XVIII. **Predicting complex quantitative traits with Bayesian neural networks: a case study with Jersey cows and wheat**
Gianola D., Okut H., Weigel K. A., Rosa G. J. M.
BMC GENETICS, vol.12, 2011 (Journal Indexed in SCI)
- XIX. **Effect of hCG vs. GnRH at the beginning of the Ovsynch on first ovulation and conception rates in cyclic lactating dairy cows**
ORMAN A., Gumen A., KARAKAYA E., Okut H.
THERIOGENOLOGY, vol.74, pp.602-607, 2011 (Journal Indexed in SCI)
- XX. **Prediction of body mass index in mice using dense molecular markers and a regularized neural network**
Okut H., Gianola D., Rosa G. J., Weigel K.
GENETICS RESEARCH, vol.93, pp.189-201, 2011 (Journal Indexed in SCI)
- XXI. **Functional response of the coccinellid predator *Adalia fasciatopunctata revelierei* to walnut aphid (*Callaphis juglandis*)**
Atıhan R., KAYDAN M. B., YARIMBATMAN A., Okut H.
PHYTOPARASITICA, vol.38, no.1, pp.23-29, 2010 (Journal Indexed in SCI)
- XXII. **Genomic Scan to Detect QTL Using SNP Markers for Simulated Data by Regression Analysis in Half-Sib Design**
Koyun H., KONCAGÜL S., Okut H.
JOURNAL OF ANIMAL AND VETERINARY ADVANCES, vol.8, no.12, pp.2626-2630, 2009 (Journal Indexed in SCI)
- XXIII. **SCRUTINIZATION OF RISK ANALYSIS RELATED TO SUCCESS OF THE PRIVATE SKILL EXAM BY USING MIXTURE LOGISTIC REGRESSION MODEL**
Kayri M., Okut H.
HACETTEPE UNIVERSITESI EĞİTİM FAKÜLTESİ DERGİSİ-HACETTEPE UNIVERSITY JOURNAL OF EDUCATION, no.35, pp.227-239, 2008 (Journal Indexed in SSCI)
- XXIV. **The effects of short term (3 weeks) testosterone treatment on serum inflammatory markers in men undergoing coronary artery stenting.**
GÜLER N., BATYRALIEV T., DULGER H., ÖZKARA C., Tuncer M., ASLAN S., OKUT H., AGIRBASLI M.
International journal of cardiology, vol.109, pp.339-43, 2006 (Journal Indexed in SCI)
- XXV. **Assessment of proliferative activity by AgNOR and PCNA in prostatic tissues of ram lambs implanted with zeranol**
Gulbahar M., Yuksel H., Guvenc T., Okut H.
REPRODUCTION IN DOMESTIC ANIMALS, vol.40, no.5, pp.468-474, 2005 (Journal Indexed in SCI)
- XXVI. **A Multilevel Contextual Model of Neighborhood Collective Efficacy**
Duncan T., Duncan S., Okut H., Six H., Strycker L.
AMERICAN JOURNAL OF COMMUNITY PSYCHOLOGY, vol.32, pp.245-252, 2003 (Journal Indexed in SSCI)
- XXVII. **An extension of the general latent variable growth modeling framework to four levels of the hierarchy**
Duncan T., Duncan S., Okut H., Li F.
STRUCTURAL EQUATION MODELING-A MULTIDISCIPLINARY JOURNAL, vol.9, pp.303-326, 2002 (Journal Indexed

in SSCI)

- XXVIII. **A multilevel contextual model of family conflict and deviance**
Duncan S., Strycker L., Duncan T., Okut H.
JOURNAL OF PSYCHOPATHOLOGY AND BEHAVIORAL ASSESSMENT, vol.24, pp.169-175, 2002 (Journal Indexed in SSCI)
- XXIX. **Correlation Among Genotypic Expressions at Different Ages in Sheep, II: Wool Traits**
Okut H., Van Vleck L. D. , Van Zyl-Bromley C., Snowder G.
JOURNAL OF ANIMAL SCIENCE, vol.77, pp.2372-2378, 1999 (Journal Indexed in SCI)
- XXX. **Correlation Among Genotypic Expressions at Different Ages in Sheep, I : Fertility Traits**
Okut H., Van Vleck L. D. , Van Zyl-Bromley C., Snowder G.
JOURNAL OF ANIMAL SCIENCE, vol.77, pp.2366-2371, 1999 (Journal Indexed in SCI)
- XXXI. **Genotype by Age of Dam Interaction: Correlation Among Genotypic Expressions at Different Ages in Sheep, III: Growth Traits**
Okut H., Van Vleck L. D. , Van Zyl-Bromley C., Snowder G.
JOURNAL OF ANIMAL SCIENCE, vol.77, pp.2379-2384, 1999 (Journal Indexed in SCI)
- XXXII. **The Compression of Maternal and Neonatal Serum Creatine Kinase and its Isoenzymes Relating to Spontaneous Vaginal Delivery or Without Kristaller Maneuver and cesarean section**
Gul A., Kocar M., Okut H.
JOURNAL OF PERINATOLOGY, vol.7, pp.3-7, 1999 (Journal Indexed in SCI)
- XXXIII. **The Effect of Terpal Plant Growth Regulators on Yield and Yield Components in Barley**
Sonmez F., Ege H., Okut H.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.21, pp.87-93, 1997 (Journal Indexed in SCI)
- XXXIV. **Comparison of Least Square and Maximum Likelihood Methods for Variance Component Estimation for Unbalanced Designs**
Orhan H., Okut H.
TURKISH JOURNAL OF VETERINARY SCIENCES, vol.20, pp.293-297, 1996 (Journal Indexed in SCI)
- XXXV. **Karakaş Kuzu Yapağlarında Uzunluk ve İncelik Bakımından Üniformite**
Altin T., Okut H.
TURKISH JOURNAL OF VETERINARY SCIENCES, vol.20, pp.405-410, 1996 (Journal Indexed in SCI)
- XXXVI. **). Effect of Assortative Mating on the Genetic Parameters of Two Independent Traits**
Okut H., Turkmüt L.
TURKISH JOURNAL OF VETERINARY SCIENCES, vol.19, pp.349-356, 1995 (Journal Indexed in SCI)
- XXXVII. **Effect of Assortative Mating on the Heritability of Two Independent Traits**
Okut H., Turkmüt L.
TURKISH JOURNAL OF VETERINARY SCIENCES, vol.9, pp.201-205, 1995 (Journal Indexed in SCI)
- XXXVIII. **A Study to Determine the Causal Relations Between Nut Weight, Kernel Weight and Kernel Ratios with Certain Important Fruit Characteristics by Using the Path Analysis**
Okut H., Akca Y.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.9, pp.201-205, 1995 (Journal Indexed in SCI)
- XXXIX. **The Genetic Parameter Estimations of Nitration Performance of Pekin Ducks**
Vanli Y., Karaca O., Kaygisiz A., Okut H., Altin T.
TURKISH JOURNAL OF VETERINARY SCIENCES, vol.17, pp.3333-3339, 1993 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Use of Generalized Estimating Equations with Multiple Imputation for Missing Longitudinal Data**
Ser G., Okut H.
Journal of the Institute of Natural & Applied Sciences, vol.23, no.1, pp.105-112, 2018 (National Refreed University Journal)
- II. **The Relationship between Eating and Lifestyle Habits and Cancer in Van Lake Region: Another**

Endemic Region for Esophageal and Gastric CancerS

Çelik S., YILMAZ E. M. , ÖZDEN F., KOTAN C., Okut H.

Journal of Cancer Epidemiology, vol.2015, pp.56-63, 2015 (Refereed Journals of Other Institutions)

III. **The Relationship between Eating and Lifestyle Habits and Cancer in Van Lake Region: Another Endemic Region for Esophageal and Gastric CancerS**

Çelik S., YILMAZ E. M. , ÖZDEN F., KOTAN C., Okut H.

Journal of Cancer Epidemiology, vol.2015, pp.56-63, 2015 (Refereed Journals of Other Institutions)

IV. **Effects of Burn-In and Thinning Methods on Iteration and Autocorelation in a Model System of Bayesian Structural Equation Models**

Şehribanoğlu S., Okut H.

AKÜ FEMÜBİD, vol.15, pp.12-18, 2015 (National Refreed University Journal)

V. **Bayesci Yapısal Eşitlik Modellerinde Yakma Periyodu, Thin Kavramlarının İterasyon ve Otokorelasyona'a Etkilerinin Bir Model Üzerinde İncelenmesi**

Şehribanoğlu S., Okut H.

AFYON KOCATEPE ÜNİVERSİTESİ FEN VE MÜHENDİSLİK BİLİMLERİ DERGİSİ, vol.15, no.2, pp.12-18, 2015 (National Refreed University Journal)

VI. **The Relationship between Eating and Lifestyle Habits and Cancer in Van Lake Region: Another Endemic Region for Esophageal and Gastric Cancers**

Çelik S., Yılmaz E. M. , Ozden F., Kotan C., Okut H.

JOURNAL OF CANCER EPIDEMIOLOGY, 2015 (Journal Indexed in ESCI)

VII. **A Multilevel approach for Zero-inflated Poisson Regression (ZIP)**

Akkol S., Okut H.

Van Fen Bilimleri Enstitüsü Dergisi, vol.18, pp.1-8, 2013 (National Refreed University Journal)

VIII. **Sıfır Ağırlıklı Sayma ile Elde Edilen Veriler İçin Çok Seviyeli ZIP Regresyon**

Akkol S., Okut H., Şehribanoğlu S.

Yüzüncü Yıl Üniversitesi Fen Bilimleri Enstitüsü Dergisi/ Journal of The Institute of Natural & Applied Sciences, vol.18, pp.1-8, 2013 (National Refreed University Journal)

IX. **Parameter estimation in Bayesian Structural Equation Modeling**

Şehribanoğlu S., Okut H.

Van Fen Bilimleri Enstitüsü Dergisi, vol.18, pp.17-22, 2013 (National Refreed University Journal)

X. **Yapısal Eşitlik Modellerinde Parametre Tahminlemesi**

Şehribanoğlu S., Okut H.

Yüzüncü Yıl Üniversitesi Tarım Bilimleri Dergisi *, vol.18, pp.17-22, 2013 (National Refreed University Journal)

XI. **Yapısal Eşitlik Modellerinde Parametre Tahminlemesi**

Şehribanoğlu S., Okut H.

Yüzüncü Yıl Üniversitesi Fen Bilimleri Dergisi, vol.18, pp.17-22, 2013 (National Refreed University Journal)

XII. **The Effect of Progesterone Based Ovsynch Protocol And GnRH Treatments After Artificial Insemination On Conception Rate In Repeat Breeder Cows**

Keskin A., Gumen A., Yesilbas G., KARAKAYA E., Okut H.

Uludağ Üniversitesi Vet. Fakültesi Dergisi, vol.29, pp.65-70, 2010 (National Refreed University Journal)

XIII. **Compression of PQL, MQL and MCMC methods for multilevel models**

Akkol S., Okut H.

Van Fen Bilimleri Enstitüsü Dergisi, vol.15, pp.1-8, 2010 (National Refreed University Journal)

XIV. **Çok Seviyeli Poisson Regresyonu için PQL, MQL ve MCMC Yöntemlerinin Karşılaştırılması**

Akkol S., Okut H.

Yüzüncü Yıl Üniversitesi Fen Bilimleri Enstitüsü Dergisi/ Journal of The Institute of Natural & Applied Sciences, vol.15, pp.30-40, 2010 (National Refreed University Journal)

XV. **A Simulation Study to Compare Two-parameter Weibull Distributions for Efficiency of Wind Power.**

Almalı M. N. , Okut H.

Journal of Anadolu Uni. Science and Technology, vol.10, pp.455-465, 2009 (National Refreed University Journal)

XVI. **İki Parametrelili Weibull Dağılımında Parametre Tahmin Yöntemlerinin Karşılaştırılmasına İlişkin Bir**

Simülasyon Çalışması

Almalı M. N. , OKUT H.

Anadolu Üniversitesi Bilim ve Teknoloji Dergisi, vol.10, no.2, pp.455-465, 2009 (National Refreed University Journal)

- XVII. **Mixture Poisson Regression Models**
Yeşilova A., Okut H., Kaki B.
YYU Fen Bilimleri Enstitüsü Dergisi, vol.13, pp.19-23, 2008 (National Refreed University Journal)
- XVIII. **Synchronization of risk analysis related to success of the private skill exam by using mixture logistic regression model**
Kayri M., Okut H.
HACETTEPE ÜNİVERSİTESİ EĞİTİM FAKÜLTESİ DERGİSİ, vol.35, pp.227-235, 2008 (National Refreed University Journal)
- XIX. **Kategorik Veriler İçin Karışımli Poisson ve Karışımli Lojistik Regresyon Yöntemlerinin Teorik Özelliklerinin İncelenmesi**
Yeşilova A., Okut H., Kaki B.
Yüzüncü Yıl Üniversitesi Fen Bilimleri Dergisi, no.13, pp.19-23, 2008 (National Refreed University Journal)
- XX. **Thlaspi Valerianoides Rech. Fil. ve Thlaspi Kurdicum Hedge Türlerine Ait Nümerik Taksonomi Çalışması**
Demirkuş N., TUNÇ C., OKUT H.
Fen Bilimleri Dergisi, (XVI.Ulusal Matematik Sempozyumu) Özel Sayısı, 277-287, Ocak-2005, vol.1, no.1, pp.277-287, 2005 (National Refreed University Journal)
- XXI. **The Effecet of Transferrin Genotypes on Testis Traits in Karakaş Lambs**
Karaca O., Okut H., Aygün T., ÜLKER H.
YYU Tarım Bilimleri Dergisi, vol.9, pp.45-48, 1999 (National Refreed University Journal)
- XXII. **The Effecet of Transferrin Genotypes on Testis Traits in Karakaş Lambs**
Karaca O., Okut H., Aygün T., ÜLKER H.
Journal of Research in Animal, vol.9, pp.45-48, 1999 (Refereed Journals of Other Institutions)
- XXIII. **The effects of transferrin genotypes on testis traits in Karakaş male lambs**
Karaca O., Okut H., Aygün T., Ülker H.
Hayvancılık Araştırma Dergisi, no.9, pp.45-48, 1999 (Other Refereed National Journals)
- XXIV. **Gibbs Örneklemesinin İslah Amaçlı Çalışmalarda Kullanılması**
Okut H., GÖKDERE S., ARSLAN S., Yeşilova A.
Yüzüncü Yıl Üniversitesi Fen Bilimleri Dergisi, no.4, pp.1-6, 1997 (National Refreed University Journal)
- XXV. **Karakaş Kuzularında Kan Glikoz Düzeyine İlişkin Kimi Fenotipik Parametre Tahminleri**
Karaca O., Bingöl M., Aygün T., Okut H.
Yüzüncü Yıl Üniversitesi, Ziraat Fakültesi Tarım Bilimleri Dergisi, no.7, pp.17-21, 1997 (National Refreed University Journal)
- XXVI. **Comparison of Some Tests for Correlated Error in Animal Studies**
Okut H., Altın T., Tasdelen A.
YYU Ziraat Fakültesi Dergisi, vol.6, pp.191-203, 1996 (National Refreed University Journal)
- XXVII. **Outlier Detection in BLUE, BLUP**
Okut H.
YYU Ziraat Fakültesi Dergisi, vol.6, pp.99-113, 1996 (National Refreed University Journal)
- XXVIII. **Using Lattice Square Design to Evaluate Adaptation and Preliminary Yield Studies on 136 Varieties of Barley Line in Van Conditions**
Okut H., Yılmaz N.
YYU TZiraat Fakültesi Dergisi, vol.1, pp.17-35, 1996 (National Refreed University Journal)
- XXIX. **A Review on Parameter Estimates in Change-Over Design**
Okut H., Turkmüt L.
YYU Ziraat Fakültesi Dergisi, vol.6, pp.31-48, 1996 (National Refreed University Journal)
- XXX. **Some Parameter Estimates of Live Weight Changes in Karakaş Sheep at the Rural Areas**

- Karaca O., Altin T., Okut H.
YYU Ziraat Fakultesi Dergisi, vol.5, pp.121-133, 1996 (National Refreed University Journal)
- XXXI. **The Effects of Transferrin and Some Factors on Certain Yields Characteristics of Handani x Karakaş and Karakaş Lambs**
Altin T., Okut H., Demirel E.
YYU Ziraat Fakultesi Dergisi, vol.5, pp.37-49, 1995 (National Refreed University Journal)
- XXXII. **iComparison of DFREML and Gibbs Sampling for Parameter Estimates in Animal Breeding Applications**
Okut H.
YYU Ziraat Fakultesi Dergisi, vol.5, pp.121-133, 1995 (National Refreed University Journal)
- XXXIII. **Milk Production of New Sheep Breeds. West Central Experiment Station**
Boylan W. J., Okut H.
Sheep Research, Minnesota, vol.5, pp.7-15, 1991 (International Refreed University Journal)

Books & Book Chapters

- I. **Bayesian Regularized Neural Network for Small n big p**
Okut H.
in: Artificial Neural Networks - Models and Applications, Joao Luis G. Rosa, Editor, Intech Open Science, New York, pp.27-48, 2016
- II. **Applications of Statistics in Quantitative Traits**
Okut H.
in: Molecular and Quantitative Animal Genetics, Hasan Khatib, Editor, Wiley Blackwell, Chicago, pp.43-64, 2015
- III. **Recent Methodological and Statistical Advances: A Latent Variable Growth Modeling Framework**
Duncan T., Duncan S., Strycker L., Okut H., Six H.
in: Adolescent Substance Abuse Research and Clinical Advances, Howard A. Liddle and Cynthia L. Rowe, Editor, Cambridge University Press, Cambridge, pp.52-78, 2009
- IV. **). Growth mixture modeling of adolescent alcohol use data: Chapter addendum to An Introduction to Latent Variable Growth Curve Modeling: Concepts, Issues, and Applications**
Duncan T., Duncan S., Strycker L., Okut H.
in: An Introduction to Latent Variable Growth Curve Modeling: Concepts, Issues, and Applications, Duncan, T. E., Susan, S. C., Strycker, L. A, Editor, Lawrence Erlbaum Assoc., Publisher, New Jersey, pp.1-36, 2002

Refereed Congress / Symposium Publications in Proceedings

- I. **Tekrarlamalı Ölçüm Çalışmaları için İki Seviyeli Model Yaklaşımı: Çok Seviyeli Büyüme Eğrisi Modelleri**
Akkol S., Okut H.
VII. International Statistics Congress, Antalya, Turkey, pp.390
- II. **The Mixture Modeling of Zero-Inflated Count Data.**
Okut H.
Word's Poultry Congress and Extension, İstanbul, Turkey, pp.1
- III. **Exploitation of Transethnic Genome-wide Association Statistics for Complex Traits**
Koyun H., Okut H.
1st International Congress Of Genomics and Bioinformatics, Aydın, Turkey, 1 - 04 November 2018, pp.25
- IV. **Reveal Association Between Complex Traits and Omics Data Using Deep Learning Architectures**
Okut H., Yeşilova A., Ser G., Koyun H., Akkol S.
International Agriculture Science Congress, Van, Turkey, 9 - 12 May 2018
- V. **Mendelian Randomization Method for Omics Data using Association Statistics**

Koyun H., Okut H., Yeşilova A., Akkol S., Ser G.

International Agriculture Science Congress, Van, Turkey, 9 - 12 May 2018

- VI. **Explaining the Discrepancy between Univariate and Regularized Regression Models for Correlated Variables**
Okut H., Akkol S., Koyun H., Ser G., Yeşilova A.
International Agriculture Science Congress, Van, Turkey, 9 - 12 May 2018
- VII. **Integrate Association Evidence from Correlated Phenotypes using GWAS Summary Statistics**
Okut H., Ser G., Akkol S., Yeşilova A., Koyun H.
International Agriculture Science Congress, Van, Turkey, 9 - 12 May 2018
- VIII. **Investigation of genetic structure in van cats using microsatellite markers**
Koyun H., KONCAGÜL S., Karakus K., Okut H., Küçük M., YILMAZ A., Özkan C., Aygün T., Yeşilova A., Kaya A., et al.
European Biotechnology Congress, Dubrovnik, Croatia, 25 - 27 May 2017, vol.256
- IX. **Investigation of Genetic Structure in Van cats using microsatellite markers**
KOYUN H., KONCAGÜL S., KARAKUŞ K., OKUT H., KÜÇÜK M., YILMAZ A., ÖZKAN C., AYGÜN T., YEŞİLOVA A., KAYA A., et al.
EUROPEAN BIOTECHNOLOGY CONGRESS, 25 - 27 May 2017
- X. **Genome-wide gene-environment interaction analysis identifies genetic signals associated with cardiometabolic phenotypes and physical activity in Hispanic Americans: The Insulin Resistance Atherosclerosis Family Study (IRASFS); (Abstract/Program #649)**
GAO C., Keaton J., HSU F., Okut H., CHI H., Duan H., Taylor J., ROTTER J., BOWDEN D., PALMER N.
66th Annual Meeting of The American Society of Human Genetics, Vancouver, Canada, 19 - 23 October 2016, pp.1-4
- XI. **AKI AND DCD KIDNEYS AS A RESEARCH PLATFORM FOR KIDNEY REGENERATION AND REPAIR: BRIDGING REGENERATIVE MEDICINE TO ORGAN TRANSPLANTATION**
Orlando G., Danger R., Okut H., Gall E., Bussolati B., Wagenknecht L. E. , Tamburrini R., Brouard S., Walker S.
The Conference of the European Society for Organ Transplantation, Barcelona, Spain, 24 - 27 September 2016, pp.1
- XII. **Comparison of predictive ability performance of Bayesian regularization, Levenberg-Marguardt and scaled conjugant gradient learning algorithms in artificial neural Networks**
Yılmaz M. C. , Ser G., Okut H.
7th Balkan Conference on Animal Science, Sarajova, Bosnia And Herzegovina, 3 - 06 June 2015, pp.1-5
- XIII. **Use of Generalized Estimating Equations with Multiple Imputation for Missing Longitudinal Data. Society**
Ser G., Okut H.
The 8th Conference of Eastern Mediterranean Region of the International Biometric, Nevşehir, Turkey, 11 - 15 May 2015, pp.1-5
- XIV. **Using generalized linear mixed modeling in repeated measures in animal data and SAS's GLIMMIX applications**
Ser G., Okut H., Yılmaz M. C.
7th Balkan Conference on Animal Science, Sarajova, Bosnia And Herzegovina, 6 March - 06 June 2015, pp.113-116
- XV. **Evaluation of prediction ability of Cholesky factorization of genetic relationship matrix for additive and non-additive genetic effect using Bayesian regularized neural network.**
Okut H., Gianola D., Rosa G. J. , Weigel K.
ADSA-ASAS-CSAS Joint Annual Meeting, Kansas City, United States Of America, 20 July 2014, pp.1-6
- XVI. **Understanding Bayesian Structural Equation Models.**
Şehribanoğlu S., Okut H.
The 4th Congress on Measurement and Evaluation in Education and Psychology, Ankara, Turkey, 9 - 13 June 2014, pp.1-4
- XVII. **Ergenlerde Madde Kullanımı Tutum Analizi**
Sevimli Deniz S., Okut H., Şehribanoğlu S.
XIV. Uluslararası Biyoistatistik Kongresi, Kayseri, Turkey, 4 - 07 September 2012, vol.1, pp.5

- XVIII. **Bayesian Approach of Structural Equation Models with Conjugate Priors for Discrete Distributions , 1st International Eurasian**
Şehribanoğlu S., Okut H.
Conference on Mathematical Sciences and Applications, Pristina, Kosova, 3 - 07 September 2012, pp.1-4
- XIX. **Bayesian Approach of Structural Equation Models with Conjugate Priors for Discrete Distributions**
Şehribanoğlu S., Okut H.
1st International Eurasian Conference on Mathematical Sciences and Applications, Priştine, Kosova, 3 - 07 September 2012, vol.1, pp.257
- XX. **Effect of Genotype Imputation on Genome-Based Prediction of Complex Traits.**
Okut H., Gianola D., Rosa G. J. , Felipe V. P. , Silva M. A.
Veterinary Medicine Fall Conference, Purdue, United States Of America, 2 - 06 September 2012, pp.1-4
- XXI. **Across-population estimation of heritability of carcass traits in beef cattle: meta- vs. mega-analyses ASAS meeting**
Okut H., Wu X., Gianola D., Rosa G. J. , Bauck S., Woodward B.
ASAS meeting, Phpenix, United States Of America, 12 - 15 June 2012, pp.1-5
- XXII. **Parallel-BayesCpC on OSG: guid-enabled high-throughput computing for genomic selection in Practice.**
Wu X., Okut H., Duan H., Beissinger T., de Leon Gatti N., Bauck S., Woodward B., Weigel K., Rosa G. J. , Gianola D.
PAG meeting, San Francisco, United States Of America, 9 - 12 January 2012, pp.1-4
- XXIII. **Tekrarlamalı Ölçüm Çalışmaları için İki Seviyeli Model Yaklaşımı: Çok Seviyeli Büyüme Eğrisi Modelleri**
Akkol S., Okut H.
VII. Inernational Statistics Congress, Antalya, Turkey, 28 April - 01 May 2011, pp.390
- XXIV. **Two-level model approach for longitudinal: Multilevel growth curve models.**
Akkol S., Okut H.
VII. International Statistics Congress., Antalya, Turkey, 28 April - 01 May 2011, pp.1-3
- XXV. **The Effect of Cephapirin Administration on Reproductive Breeder Pregnancy Rate After Artificial Insemination in Cows**
YILMAZBAS-MECITOGLU G., Keskin A., KARAKAYA E., Gumen A., TAŞDEMİR U., Okut H.
IV. Vet. Gynecology Congress, Antalya, Turkey, 4 - 07 November 2010, pp.1-5
- XXVI. **The Effect of Using GnRH or Hcg at the Beginning of Ovsynch on Ovulation and Pregnancy Rate in Cirrhotic Cow**
ORMAN A., YILMAZBAS-MECITOGLU G., KARAKAYA E., Gumen A., TAŞDEMİR U., Okut H.
IV. Vet. Gynecology Congress, Antalya, Turkey, 4 - 07 November 2010, pp.1-5
- XXVII. **Effect of post-ai cephalapirin on conception rate in repeat breeder cows**
Yilmazbas-Mecitoglu G., Keskin A., Karakaya E., Gumen A., Celik Y., Okut H.
14th Annual Conference of the European-Societies-Domestic-Animals-Reproduction/22nd Annual Meeting of the EU-AI-Vets, Eger, Hungary, 15 - 22 September 2010, vol.45, pp.112
- XXVIII. **Comparing conception rate of the repeat breeder vs. normal dairy cows following a combined treatment protocol during the warm season**
Keskin A., Yilmazbas-Mecitoglu G., Gumen A., Karakaya E., Cevik S., Okut H.
14th Annual Conference of the European-Societies-Domestic-Animals-Reproduction/22nd Annual Meeting of the EU-AI-Vets, Eger, Hungary, 15 - 22 September 2010, vol.45, pp.92
- XXIX. **Genom-based Statistical Analysis of Quantitative Traits: Is a New Paradigm Needed**
Gianola D., los Compos G., González-Recio O., Okut H., Rosa G. J. , Weigel K., Wu X.
1st Annual Meeting of the European Association for Animal Production,, Heraklion, Greece, 23 - 27 August 2010, pp.305
- XXX. **Statistical Learning for Gemom-based Analysis of Quantative Traits**
Gianola D., los Compos G., González-Recio O., Long N., Okut H., Rosa G. J. , Weigel K., Wu X.
9th Word Congress on Genetics Applied to Livestock Production, Leipzig, Germany, 1 - 06 August 2010, pp.1-10
- XXXI. **Comparison of responses to Ovsynch for Holstein–Friesian and Swedish–Red cows.**

- Keskin A., KARAKAYA E., YILMAZBAS-MECITOGLU G., Gumen A., Okut H., Wiltbank M.
J. Dairy Sci. Vol:93, E suppl, Colorado, United States Of America, 1 - 04 July 2010, pp.1-2
- XXXII. **Sıfır Değer Ağırlıklı Verilerin Modellenmesi**
YEŞİLOVA A., OKUT H., KOYUN H., ZIRHLIOĞLU G.
V. Ulusal Zootekni Kongresi, Turkey, 5 - 08 September 2007
- XXXIII. **Two MCMC Approaches in Multilevel Models: Gibbs sapler and ve Metropolis- Hastings.**
Akkol S., Okut H.
5th National Animal Sci. Congress, Van, Turkey, 5 September - 07 August 2007, pp.1-6
- XXXIV. **Çok Seviyeli Modellemede İki MCMC Yöntemi: Gibbs ve Metropolis-Hastings Örnekleme Yaklaşımları**
Akkol S., Okut H.
5.Ulusal Zootekni Kongresi, Van, Turkey, 5 - 08 September 2007, pp.30
- XXXV. **Çiftlik Hayvanlarında Gen Belirteç İlişkili Seleksiyon (Marker-Assisted Selection) Çalışmalarında Son Gelişmeler**
Koyun H., Okut H.
V. Türkiye Ulusal Zootekni Kogresi, Van, Turkey, 5 - 08 September 2007, vol.1, no.1, pp.67-69
- XXXVI. **Sıfır Değer Ağırlıklı Verilerin (Zero-inflated data) Modellenmesi**
Koyun H., Yeşilova A., Okut H., Zırhloğlu G., Kaya Y.
V. Türkiye Ulusal Zootekni Kogresi, Van, Turkey, 5 - 08 September 2007, vol.1, no.2, pp.89-92
- XXXVII. **Growth Mixture Modeling of Zero-Inflated Count Data**
Okut H., Duncan T., Duncan S.
Joint Statistical Meeting, Minneapolis, United States Of America, 6 - 09 June 2005, vol.32, pp.44-52
- XXXVIII. **Thlaspi Valerianoides Rech Fil ve Thlaspi Kurdicum Hedge Türlerine Ait Nümerik Taksonomi Çalışması**
DEMİRKUŞ N., TUNÇ C., OKUT H.
XVI.Ulusal Matematik Sempozyumu Yüzüncü Yıl Üniv., Turkey, 10 - 12 September 2003, pp.227-228
- XXXIX. **As a Tool Response Surface Methodology (RSM) in a New Product Development**
Doğan İ. S. , Okut H.
Itafe'03 - International Congress on Information Technology in Agriculture, Food and Environment, İzmir, Turkey, 7 - 10 October 2003, pp.483-488
- XL. **Latent variable mixture modeling: Analyzing the mixture and structural portions of the model**
Okut H., Duncan T., Duncan S., Strycker L.
Proceedings of the American Statistical Association, New York, United States Of America, 6 - 09 June 2002, pp.326-331
- XLI. **Repeated Measurement in the Exponential family and Generalized Estimation Equation**
Okut H., Yeşilova A., Akkol S.
II. Mathematic and Computing Methods International Symposium, Baku, Azerbaijan, 14 - 20 June 2000, pp.15
- XLII. **Analysis of Correlated Binary Data by Using Generalized Estimation Equations.**
Okut H.
21th Meeting of the International Society for Clinical Biostatistics, Toronto, Italy, 1 - 04 June 2000, pp.1-3
- XLIII. **Using of Fixed-Effects Partial Likelihood for Unobserved Heterogeneity.**
Okut H., Yeşilova A., Akkol S.
20th Biometry Annual Conference, Leipzig, Germany, 1 - 04 October 1999, pp.1-4
- XLIV. **Repeated Measurement in the Exponential Family and Generalized Estimation Equation**
OKUT H., Yeşilova A., GÖKDERE AKKOL S., Almalı M. N.
Proceedings of The Second International Symposium On Mathematical and Computational Applications, Baku, Azerbaijan, 1 - 03 September 1999, pp.402-405
- XLV. **Application of Mixed Linear Models.**
OKUT H., AKKOL S., YEŞİLOVA A.
Biometric Society III. Congresso Nazionale, 7 - 09 June 1999
- XLVI. **Some Applications of Generalized Mixed Linear Models.**
Okut H., Akkol S., Yeşilova A.

- National Biometry Conference III, Roma, Italy, 8 June - 10 August 1999, pp.1-6
- XLVII. **Correlation Among Genotypic Expressions at Different Ages in Sheep for Litter Weaned Weight.**
Okut H., Van Vleck L. D. , Van Zyl-Bromley C., Snowder G.
WCAP, VIII Word Congress on Animal Production, Soul, South Korea, 1 - 04 October 1998, pp.1-6
- XLVIII. **Optimization of Hybridization Experiments.**
Akbas Y., Okut H., Turkmut L.
II. National Animal Science Symposium, İzmir, Turkey, 27 - 29 September 1996, pp.1-5
- XLIX. **How Gibbs Sampler can be Used for Variance Component Estimates.**
Okut H.
State Statistical Institute Symposium, Ankara, Turkey, 17 - 20 September 1996, pp.1-5
- L. **The Quadratic Forms of Variance Estimation for Method Using Parameter Estimates in Mixed Models.**
Okut H., Akbas Y.
State Statistical Institute Symposium, Ankara, Turkey, 17 - 20 September 1996, pp.1-4
- LI. **A Study to Determine the Causal Relations Between Fruit Weight of Apricot by Using the Path Analysis.**
Okut H., Akca Y.
International Apricot symposium, Ankara, Turkey, 15 - 18 June 1995, pp.1-6
- LII. **The Efficiency of Sparse Matrices for Estimation of Variance Components in Mixed Models.**
Okut H., Kara K., Arslan S., Akbas Y.
D. E. Ü. Econometric and Statistics Symposium, İzmir, Turkey, 9 - 11 September 1994, pp.1-4
- LIII. **Decomposing of Correlation Coefficients: Path Analysis Path**
Okut H., Orhan H.
D. E. Ü. Econometric and Statistics Symposium, İzmir, Turkey, 9 - 11 September 1994, pp.1-3
- LIV. **The Comparison of F and K Statistics for Heterogenous Error Variances**
Okut H., Orhan H.
D. E. Ü. Econometric and Statistics Symposium, İzmir, Turkey, 9 - 11 September 1994, pp.1-4

Other Publications

- I. **Mixed Models for Genetic Data**
Okut H.
Lecture Note, pp.1-300, 2013
- II. **Longitudinal Data Analysis**
Okut H.
Lecture Note, pp.1-142, 2006
- III. **Linear and Multivariate Regression**
Okut H.
Lecture Note, pp.1-264, 2006
- IV. **<https://www.cambridge.org/core/books/adolescent-substance-abuse/6965D020AC9F1ABFF9C25C42E6D8F0F4>**
Okut H.
Lecture Note, pp.1-409, 2006
- V. **Linear and Generalized Linear Mixed Models**
Okut H.
Lecture Note, pp.1-409, 2006
- VI. **Measuring consumer preference for socially responsible products: An application of the multinomial adjacent-categories logit random effects model**
Pardeo I., Boush D., Okut H.
Technical Report, pp.36, 2003
- VII. **Growth mixture modeling of adolescent alcohol use data**

Supported Projects

Okut H., Other Supported Projects, Insulin Resistance Atherosclerosis Family Study (IRASFS) may help to identify metabolites associated with the risk of type 2 diabetes through the analysis of intermediate glycemic traits, 2016 - Continues

Okut H., Other Supported Projects, Integrative Study of Genomics, Transcriptomics and Metabolomics in Type 2 Diabetes This study is focused on identifying genes that contribute to type 2 diabetes and their functional characterization., 2015 - Continues

Okut H., Other Supported Projects, Untargeted Metabolomics Identifies Distinctive Metabolite Signatures for Measures of Glucose Homeostasis: The Insulin Resistance Atherosclerosis Family Study (IRAS-FS), 2015 - Continues

Okut H., Other Supported Projects, Mapping Genes for NIDDM Nephropathy in African Americans, 2012 - 2016

Okut H., Other Supported Projects, Genetic Determinants of Adiposity in African Americans, 2010 - 2016

Okut H., Other Supported Projects, Genetics of African American Type 2 Diabetes, 2003 - 2016

Okut H., Project Supported by Higher Education Institutions, Gökkuşuğu Alabalığında Beslenme Etkinliği Bakımından Farklı Eksprese Olmuş Genlerin Belirlenmesinde Yapısal Karışık Model ile Bayes Hiyerarşik Modellerin Karşılaştırılması, 2009 - 2011

Okut H., Ser G., Project Supported by Higher Education Institutions, Eksik Gözlemlili Uzun Süreli (Longitudinal) Verilerde Marjinal ve Marjinal Olmayan Çok Seviyeli Genelleştirilmiş Doğrusal Karışık Modellerde Optimizasyon Tekniklerinin Karşılaştırılması ve Model Seçimi, 2009 - 2011

Okut H., Project Supported by Higher Education Institutions, Mental Geriliği Olan Çocuklarda Kromozomal Anomali Sıklığı, 2009 - 2011

Okut H., EU Framework Program Project, Biomedical and Societal Effects of Alcohol, 2008 - 2010

Okut H., Ser G., DEMİRCİ E. Y. , BERBER Ş., GÖRÜR O. T. , VARER Ş., Project Supported by Higher Education Institutions, Gençlerde Davranış Bozukluğu ve Madde Kullanımındaki Heterojenliğin Modellenmesi, 2005 - 2006

Okut H., Other Supported Projects, Davranış Bozukluğu ve Madde Kullanımındaki Heterojenliğin Modellenmesi, 2005 - 2006

Okut H., Oto M. M. , BAKIR G., Project Supported by Higher Education Institutions, SİYAH ALACA SIĞIRLARDA İLK TOHURLAMA YAŞI VE CANLI AĞIRLIĞININ SÜT VE DÖL VERİMİNE ETKİLERİ, 2002 - 2005

Okut H., TÜRKMUT L., Zırhhoğlu G., Erkan C., Yeşilova A., KARA K., ASLAN S., Project Supported by Higher Education Institutions, SURVIVAL ANLZ. YÖN. KUL. BAL ARILARINDA ANA ARININ VERİMLİ YAŞAM UZNL. BEL. PARMT. TAHM., 2001 - 2005

Okut H., Yeşilova A., Project Supported by Higher Education Institutions, BİYOLOJİK ÇALŞ. ELDE EDİLEN KATEG.VERİLERE KARIŞIK POISSON REGRESYON ANALİZİNİN UYG., 2001 - 2003

Okut H., Other Supported Projects, A Multilevel Contextual Model of Neighborhood Collective Efficacy To test a longitudinal social context model of the development of alcohol use during pre-adolescence and adolescence across White and African American youth., 2001 - 2003

Okut H., Other Supported Projects, Multilevel Contextual Model of Family Deviance A continuation of a current research project studying the development of alcohol use among White and African-American youth and their families, 1998 - 2002

Okut H., ASLAN S., TAŞDELEN A., Project Supported by Higher Education Institutions, Hayvancılıkta kategorik veri özelliğine sahip olan üreme özelliklerine ilişkin varyans unsurları ve blup tahminleri, 1996 - 2000

Activities in Scientific Journals

Clinics in Medical Sciences , Editor, 2018 - Continues

Iore Journal of Genetics: IORE International, Committee Member, 2018 - Continues

Journal of Plant Science: Current Research, Committee Member, 2017 - Continues
Plant Science Today, Assistant Editor, 2015 - Continues
Journal of Pediatric Neurology, Committee Member, 2012 - Continues
YYU Egitim Bilimleri Dergisi, Committee Member, 2010 - Continues

Scientific Refereeing

Genetic Selection Evaluations, SCI Journal, September 2018
Kansas Medical Journal, Journal Indexed in SSCI, August 2018
Journal of Plant Science: Current Research, Other journals, October 2017
Journal of Education, National Scientific Refreed Journal, August 2017
Journal of Education, National Scientific Refreed Journal, August 2017
Pakistan Journal of Zoology, SCI Journal, August 2017
YYU J of Education Sci., National Scientific Refreed Journal, August 2017
Journal of Education, National Scientific Refreed Journal, August 2017
Turkish Journal Of Electrical Engineering & Computer Sciences, SCI Journal, July 2017
Journal of Plant Science: Current Research, National Scientific Refreed Journal, June 2017
Neural Computing and Applications, SCI Journal, June 2017
Colombian Journal of Statistics, Other Indexed Journal, May 2017
Journal of Applied Statistics, SCI Journal, February 2017
Livestock Science, SCI Journal, August 2016
YYU J of Agricultural Sci., National Scientific Refreed Journal, June 2016
J Nevsehir University Science and Technology, National Scientific Refreed Journal, June 2016
Journal of Applied Statistics, SCI Journal, April 2016
YYU J of Education Sci., National Scientific Refreed Journal, April 2016
YYU J of Education Sci., National Scientific Refreed Journal, April 2016
YYU J of Institute of Sci., National Scientific Refreed Journal, February 2016
J Pediatr Biochem, SCI Journal, September 2015
YYU J of Agricultural Sci., National Scientific Refreed Journal, May 2015
YYU J of Education Sci., National Scientific Refreed Journal, May 2015
Journal of Applied Statistics, SCI Journal, April 2015
Livestock Science, SCI Journal, April 2015
Ankara Univ. J of Agri. Sci., National Scientific Refreed Journal, May 2013
African Journal of Agricultural Research, SCI Journal, May 2013
Archiv Tierzucht / Archives Animal Breeding, SCI Journal, May 2013
BioMed Research International , SCI Journal, April 2013
BioMed Research International , SCI Journal, April 2013
Educational Sciences: Theory & Practice, Journal Indexed in SSCI, September 2012
J of Vet and Anim. Sci., SCI Journal, March 2012
Livestock Science, SCI Journal, March 2012
Journal of Pediatric Infectious Diseases, SCI Journal, April 2009
Headache The Journal of Head and Face Pain, SCI Journal, July 2003

Scientific Research / Working Group Memberships

American Statistician Association, University of Minnesota, Twin Cities Campus, United States Of America, www.asa.org,
2002 - Continues
Turkiye Istatistikciler Dernegi, Turk'ye Istatistik Kurumu, Turkey, www.tuik.gov.tr, 1993 - Continues

Edit Congress and Symposium Activities

Wake Forest University, School of Medicine Genomic Center meeting, Invited Speaker, North-Carolina, United States Of America, 2016

Wake Forest University, School of Medicine Genomic Center Meetings, Invited Speaker, North-Carolina, United States Of America, 2016

University of Zagreb, Department of Agronomy Departmental Meetings, Invited Speaker, Zagreb, Croatia, 2014

Nell'ambito del progetto PON 01_02249 University of Palermo, Italy Scholarship, Invited Speaker, Palermo, Italy, 2014

RIVAGE project days, Session Moderator, Paris, France, 2007

University of Vienna, Department of Biostatistics meeting days, Invited Speaker, Vienna, Austria, 2000

University of Vienna, Department of Biostatistics meeting days, Invited Speaker, Vienna, Austria, 2000

Citations

Total Citations (WOS):315

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Scholarships

Scholarship for Summer School, University, 2015 - Continues

The European Union Erasmus Scholarship, University, 2014 - Continues

Nell'ambito del progetto PON 01_02249 University of Palermo, Italy Scholarship, University, 2014 - Continues

University of Wisconsin Research Assoc. Fellowship, University, 2009 - Continues

RIVAGE project days, University, 2007 - Continues

The European Union, Maria Curie European Transfer of Knowledge Scholarship, Jean Monnet Scholarship Program, 2006 - Continues

Turkey Scientific and Research Council, TUBITAK, 2004 - Continues

Oregon Research Institute Research Associate Fellowship, University, 2001 - Continues

Fulbright Science Fellowship, Fulbright Program, 2001 - Continues

Workshop scholarship on teaching from Applied Regression Including Computing and Graphics., Official Institutions of Foreign Countries, 2000 - Continues

NATO Scientist supporting scholarship (organized, NATO, 1997 - Continues

Research Fellowship by Yuzuncu Yil University, University, 1990 - Continues

Awards

Okut H., Honors Committee for Students Evaluation, Kansas University, May 2018

Okut H., Recognized Reviewer, Elsevier Publication, November 2016

Okut H., Collaborative Institutional Training Initiative, Citi Program-4793357) Rcr for Biomedical Investigators, September 2015

Okut H., Cisco Certified Networking Associate Instructor of CCNA (for version I and II), CISCO, March 1999

Non Academic Experience

Non-profit Organisation, Yyu Kalkanma Vakfu