

Prof. Hayrettin Okut

Personal Information

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Education

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 Positions

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, Ziraat 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, Ziraat Fakültesi, Zootečni, 2004 - 2007
Van Yüzüncü Yil University, 2003 - 2005
Van Yüzüncü Yil University, 1996 - 2001
Van Yüzüncü Yil University, Fan Bilimleri, 1996 - 2001
Van Yüzüncü Yil University, 1996 - 2001
Van Yüzüncü Yil University, Ziraat Fakültesi, 1996 - 2001
Van Yüzüncü Yil University, 1995 - 1996

Courses

Doctorate

Genetic Epidemiology, Doctorate, 2017 - 2018
Genetic Epidemiology, Doctorate, 2016 - 2017
Mixed Models for Genetic Data, Doctorate, 2014 - 2015
Eğitim 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
Yapısal Eşitlik Modelleri, Doctorate, 2003 - 2004
Genelleştirilmiş Doğrusal Modeller, Doctorate, 1997 - 1998
Çok Değişkenli İstatistik, Doctorate, 1997 - 1998, 1995 - 1996
Doğrusal Modeller, Doctorate, 1997 - 1998, 1995 - 1996, 1994 - 1995
Doğrusal Modeller, Doctorate, 1996 - 1997
Bilgisayar Uyg. Araştırma ve Deneme Yöntemleri, Doctorate, 1994 - 1995

Postgraduate

Uygulamalı Regresyon Analizi, Postgraduate, 2003 - 2004, 1997 - 1998
Bilgisayar Uyg. Araştırma ve Deneme Yöntemleri, Postgraduate, 1997 - 1998
Varyasyon Kaynakları, Postgraduate, 1996 - 1997
Araştırma ve Deneme Yöntemleri, Postgraduate, 1996 - 1997
Parametrik Olmayan İstatistik, Postgraduate, 1995 - 1996
Bilgi. Uyg. Araştırma ve Deneme Yöntemleri, Postgraduate, 1995 - 1996
Uygulamalı Regresyon Analizi, Postgraduate, 1994 - 1995
Bilgisayar Uyg. Araştırma ve Deneme Yöntemleri, Postgraduate, 1994 - 1995

Bil. Uygulamalı Araştırma ve Denem Yöntemleri, Postgraduate, 1993 - 1994

Undergraduate

Araştırma ve Deneme Yöntemleri, Undergraduate, 1997 - 1998, 1995 - 1996

İstatistik, Undergraduate, 1997 - 1998

İstatistiğe Giriş, Undergraduate, 1996 - 1997, 1995 - 1996, 1994 - 1995

Araştırma ve Deneme Yöntemleri, Undergraduate, 1996 - 1997

İstatistik, Undergraduate, 1996 - 1997

Bioistatistik, Undergraduate, 1995 - 1996

Araştırma ve Deneme Yöntemleri, Undergraduate, 1994 - 1995

Araştırma ve Deneme Yöntemleri, Undergraduate, 1993 - 1994

Temel İstatistik, Undergraduate, 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

Supervised Theses

Okut H., Bayesian Regularizasyon ve Scale Congugate yöntemlerinin performanslarının karşılaştırılması, Postgraduate, M.Can(Student), 2015

Okut H., Determine gene expression level in microarray data using hierarchical Bayesian approach, Doctorate, B.Kaki(Student), 2012

Okut H., Gibbs sampler approach with different burn-in and thinning in structural equation modeling, Doctorate, S.Şehribanoğlu(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

Journal articles indexed in SCI, SSCI, and AHCI

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

(SCI-Expanded)

- 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 (SCI-Expanded)
- 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 (SCI-Expanded)
- 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., Yilmazbas-Mecitoglu G., Keskin A.
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.23, no.4, pp.527-534, 2017 (SCI-Expanded)
- 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 (SCI-Expanded)
- 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 (SCI-Expanded)
- VII. **Bayesian Regularized Neural Networks for Small n Big p Data**
Okut H.
ARTIFICIAL NEURAL NETWORKS: MODELS AND APPLICATIONS, pp.27-48, 2016 (SCI-Expanded)
- 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 (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., Atlıhan R., Okut H., CHI H.
JOURNAL OF ECONOMIC ENTOMOLOGY, vol.108, no.2, pp.378-387, 2015 (SCI-Expanded)
- 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 (SCI-Expanded)
- 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 (SCI-Expanded)
- XII. **COMPARISON OF SYNCHRONISATION AND FERTILITY AFTER DIFFERENT MODIFICATIONS OF THE OVSYNCH PROTOCOL IN CYCLIC DAIRY COWS**
Yilmazbas-Mecitoglu G., Karakaya E., KESKİN A., GÜMEN A., Koc V., Okut H.
ACTA VETERINARIA HUNGARICA, vol.62, no.1, pp.64-73, 2014 (SCI-Expanded)
- 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 (SCI-Expanded)
- 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 (SCI-Expanded)
- 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 (SCI-Expanded)
- XVI. **Effects of presynchronization with gonadotropin-releasing hormone prostaglandin F2? 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 (SCI-Expanded)
- XVII. **The effect of intrauterine cephalixin 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 (SCI-Expanded)
- 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 (SCI-Expanded)
- 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 (SCI-Expanded)
- 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 (SCI-Expanded)
- XXI. **Functional response of the coccinellid predator *Adalia fasciatopunctata reuelieri* to walnut aphid (*Callaphis juglandis*)**
Atlihan R., KAYDAN M. B., YARIMBATMAN A., Okut H.
PHYTOPARASITICA, vol.38, no.1, pp.23-29, 2010 (SCI-Expanded)
- 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 (SCI-Expanded)
- 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 EGITIM FAKULTESI DERGISI-HACETTEPE UNIVERSITY JOURNAL OF EDUCATION, no.35, pp.227-239, 2008 (SSCI)
- XXIV. **The effects of short term (3 weeks) testosterone treatment on serum inflammatory markers in men undergoing coronary artery stenting.**
GULER N., BATYRALIEV T., DULGER H., OZKARA C., Tuncer M., ASLAN S., OKUT H., AGIRBASLI M.
International journal of cardiology, vol.109, pp.339-43, 2006 (SCI-Expanded)
- 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 (SCI-Expanded)
- 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 (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 (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 (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 (SCI-Expanded)

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 (SCI-Expanded)

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 (SCI-Expanded)

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 (SCI-Expanded)

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 (SCI-Expanded)

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 (SCI-Expanded)

XXXV. Karakaş Kuzu Yapağlarında Uzunluk ve İncelik Bakımından Üniformite

Altin T., Okut H.

TURKISH JOURNAL OF VETERINARY SCIENCES, vol.20, pp.405-410, 1996 (SCI-Expanded)

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 (SCI-Expanded)

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 (SCI-Expanded)

XXXVIII. A Study to Determine the Causal Relations Between Nut Weight, Kernel Weight and Kernel Rations 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 (SCI-Expanded)

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 (SCI-Expanded)

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 (Peer-Reviewed 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 (Scopus)

- 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 (Scopus)
- 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 (Peer-Reviewed 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 (Peer-Reviewed 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 (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 (Peer-Reviewed 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 (Peer-Reviewed Journal)
- IX. **Bayesci Yapısal Eşitlik Modellerinde Parametre Tahminlemesi**
Şehribanoğlu S., Okut H.
Yüzüncü Yıl Üniversitesi Fen Edebiyat Fakültesi Fen Bilimleri Dergisi, vol.18, no.2, pp.33-38, 2013 (Peer-Reviewed Journal)
- X. **Parameter estimation in Bayesian Structural Equation Modeling**
Şehribanoğlu S., Okut H.
Van Fen Bilimleri Enstitüsü Dergisi, vol.18, pp.17-22, 2013 (Peer-Reviewed Journal)
- XI. **Yapısal Eşitlik Modellerinde Parametre Tahminlemesi**
Şehribanoğlu S., Okut H.
Yüzüncü Yıl Üniversitesi Fen Bilimleri Dergisi, vol.18, pp.17-22, 2013 (Peer-Reviewed Journal)
- XII. **Sıfır Ağırlıklı Sayma ile Elde Edilen Verilen için Çok Seviyeli ZIP Regresyon**
AKKOL S., OKUT H., ŞEHRİBANOĞLU S.
Yüzüncü Yıl Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.18, pp.1-8, 2013 (Peer-Reviewed Journal)
- XIII. **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.
Uludag Üniversitesi Vet. Fakültesi Dergisi, vol.29, pp.65-70, 2010 (Peer-Reviewed Journal)
- XIV. **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 (Peer-Reviewed Journal)
- XV. **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 (Peer-Reviewed Journal)

- XVI. **İki Parametrelili Weibull Dağılımında Parametre Tahmin Yöntemlerinin Karşılaştırılmasına İlişkin Bir Simülasyon Çalışması**
Almalı M. N., Okut H.
Journal of Anadolu Uni. Science and Technology, vol.10, pp.455-465, 2009 (Peer-Reviewed Journal)
- XVII. **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 (Peer-Reviewed 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 (Scopus)
- XIX. **Mixture Poisson Regression Models**
Yeşilova A., Okut H., Kaki B.
YYU Fen Bilimleri Enstitüsü Dergisi, vol.13, pp.19-23, 2008 (Peer-Reviewed Journal)
- XX. **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 (Peer-Reviewed Journal)
- XXI. **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 (Peer-Reviewed Journal)
- XXII. **The Effecet of Transferrin Genotypes on Testis Traits in Karakaş Lambs**
Karaca O., Okut H., Aygün T., ÜLKER H.
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Metrics

Publication: 139
Citation (WoS): 374
Citation (Scopus): 391
H-Index (WoS): 7
H-Index (Scopus): 7

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

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