

Prof.Dr.Mehmet MENDES

Name and Surname: Mehmet Mendes

Academic Title: Prof.Dr.

Academic Unit / Department / Unit: Çanakkale Onsekiz Mart /Agriculture Faculty / Animal Science / Biometry and Genetics

Expertise Area: Biometry / Biostatistics / Bioinformatics

Experimental Designs, Data Analysis, Simulation Techniques, Modeling, Growth Curves, Graphical Techniques in Statistical Analysis, Data Mining Techniques, Analyzing Gene Expression Data Sets

Selected Articles

Yiğit S., Mirtagioglu H., Mendes M. (2016). "Multivariate Perspective for Evaluating Effect of Feed Restrictions on Some Behavioral Traits of Broilers. KASNERA, vol.44, pp.1-10.
Yiğit S., Kocak M., Mirtagioglu H., Mendes M. (2016). A Simulation Study on Determining Appropriate Simulation Size. SYLWAN, vol.160, pp.1-15.
Yiğit S., Mendes M. (2016). Usage of Multidimensional Scaling Technique for Evaluating Performances of Multivariate Normality Tests., British Journal of Applied Science & Technology, vol.16, pp.1-8.
Tuğran, E., Kocak, M., Mirtagioglu, H., Yiğit, S., Mendes, M. (2015). A Simulation Based Comparison of correlation Coefficients with Regard to Type I Error Rate and Power. Journal of Data Analysis and Information Processing. 3:87-101.
Mirtagioglu, H., Yiğit, S., Mollaoğulları, A., Genç, S., Mendes, M. (2014). Influence of Using Alternative Means on Type-I Error Rate in the Comparison of Independent Groups. The Journal of Animal & Plant Sciences, 24(1):344-349
Mendes, M. , Yiğit, S. (2013). Type I Error and Test Power of Different Tests for Testing Interaction Effects in Factorial Experiments. Statistica Neerlandica. 67(1):1-26.
Mendes, M. , Yiğit, S. (2012) Comparison of ANOVA-F and ANOM tests with regard to type I error rate and test power. Journal of Statistical Computation and Simulation, 1-12.
Mendes, M. (2012). Type I Error Rates and Test Power for Some Variance Components Estimation Methods: One-Way Random Effect Model. Archiv Tierzucht / Archives Animal Breeding, 55 (5):506-518.
Yiğit, S., Mendes, M. , Mirtagioglu, H. (2011). Type I error rates and test power for some outlier detecting tests. Advances and Applications in Statistics, 21(2):159-167.
Mendes, M. , Akkartal, E. (2010). Comparison of ANOVA and WELCH tests with Their Respective Permutation Versions in terms of Type I error Rates and Test Power. Kafkas Üniversitesi Veteriner Fakültesi Dergisi, 16 (5), 711-716.
Akkartal, E., Mendes, M. , Mendes, E. (2010). Determination of suitable permutation numbers in comparing independent group means: a Monte Carlo Simulation study. Journal of Scientific & Industrial Research, 69, 422-425.
Mendes, M. , (2010). Prediction of mono and multiphasic growth parameters of broilers. Archiv Tierzucht, 53 (1), 100-106.
Mendes, M. , (2009). Multiple linear regression models based on principal component scores to predict slaughter weight of broiler. Arch. Geflügelk., 73(2), 139-144.
Mendes, M. (2009). Growth curves for body weight and some body measures of Ross 308 broiler chickens. Journal of Applied Animal Research, 36:85-88.
Mendes, M. , Akkartal, E. (2009). Regression tree analysis for predicting slaughter weight in broilers. Italian Journal of Animal Science, 8:131-412.
Mendes, M. , "The Effect of Non-normality on Type III error for comparing independent means" Journal of Applied Quantitative Methods, 2 (4), 444-454, (2007).
Mendes, M. , E.Dinçer ve Elif Arslan, "Profile Analysis and Growth Curve for Body Mass Index of Broiler Chickens Reared Under Different Feed Restrictions in Early Age"Archiv für Tierzucht-Archives of Animal Breeding, 50 (4) 403-411, (2007)
Mendes, M. , E.Akkartal, "Canonical correlation analysis for studying the relationships between pre- and post slaughter traits of Ross 308 broiler chickens"Archiv für Geflügelkunde, 71 (6), (2007),267-271
Çamdeviren, H., M. Mendes , M.M. Özkan, F.Toros, T. Şaşmaz ve S.Öner, "Determination of Depression Risk Factors in Children and Adolescents by Regression Tree Methodology," Acta Med. Okayama, 59 (1), 19-26

Books

Basic Algebra

Applied Statistics

Statistical Data Analysis and Research Techniques