

# Prof. SERPİL AKTAŞ ALTUNAY

## Personal Information

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## International Researcher IDs

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## Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, İstatistik, Turkey 1994 - 1999

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, İstatistik, Turkey 1991 - 1994

Undergraduate, Hacettepe University, Fen Fakültesi, İstatistik Bölümü, Turkey 1986 - 1990

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Postgraduate, Karesel Olımsallık Tablolarının Çözümlemesi, Hacettepe Üniversitesi, Fen Fakültesi, İstatistik Bölümü, 1994

## Research Areas

Statistics, Statistical Analysis and Applications, Natural Sciences

## Academic Titles / Tasks

Associate Professor, Hacettepe University, Fen Fakültesi, İstatistik Bölümü, 2010 - 2010

## Academic and Administrative Experience

Hacettepe Üniversitesi, Fen Fakültesi, İstatistik Bölümü, 2012 - Continues

Hacettepe Üniversitesi, Fen Fakültesi, İstatistik Bölümü, 2012 - Continues

## Advising Theses

AKTAŞ ALTUNAY S., Estimation of Variance Components in Gage Repeatability & Reproducibility, Postgraduate, Z.DİNDAŞ(Student), 2018  
AKTAŞ ALTUNAY S., Genetik epidemiyolojide genelleştirilmiş doğrusal modeller yaklaşımı, Doctorate, Ö.KARADAĞ(Student), 2016  
AKTAŞ ALTUNAY S., Uç değerler teorisi ve Türkiye deprem verisi üzerine bir uygulama, Postgraduate, S.GÜNEY(Student), 2015  
AKTAŞ ALTUNAY S., Yüksek dereceden yanıt yüzeyi modelleri üzerine bir çalışma, Postgraduate, E.ÇİFTÇİ(Student), 2011  
AKTAŞ ALTUNAY S., Sıralı seçenek hipotezlerinde kullanılan testler, Postgraduate, H.DAĞLIOĞLU(Student), 2008  
AKTAŞ ALTUNAY S., Yapısal eşitlik modelleri, Postgraduate, C.TEZCAN(Student), 2008  
AKTAŞ ALTUNAY S., Kesikli seçim analizi ve bir uygulama, Postgraduate, S.OSMANOĞLU(Student), 2005

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The validity and reliability of preschool age psychiatric assessment (PAPA) in Turkish population**  
ÖZTOP D. B., Efendi G. Y., ÇIKILI UYTUN M., YÜRÜMEZ E., KONŞUK ÜNLÜ H., Akman Ayidaga E., Cakiroglu M., Gunaydin M., Alkan B., AKTAŞ ALTUNAY S.  
Asian Journal of Psychiatry, vol.91, 2024 (SCI-Expanded)
- II. **Median Distance Model for Likert-Type Items in Contingency Table Analysis**  
Altunay S. A., YILMAZ A. E.  
Revstat Statistical Journal, vol.21, no.2, pp.267-281, 2023 (SCI-Expanded)
- III. **Assessment of SNP-SNP interactions by using square contingency table analysis**  
KARADAĞ ÇAMAN Ö., Altun G., Aktas S.  
ANAI DA ACADEMIA BRASILEIRA DE CIENCIAS, vol.92, no.3, 2020 (SCI-Expanded)
- IV. **Parameter estimates for two-way repeated measurement MANOVA based on multivariate Laplace distribution**  
Celikbicak M. B., AKTAŞ ALTUNAY S.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.49, no.4, pp.1533-1549, 2020 (SCI-Expanded)
- V. **A generalized, multi-stage adjusted, latent class linear mixed model for testing genetic association**  
KARADAĞ ÇAMAN Ö., Aktas S.  
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.48, no.8, pp.2301-2312, 2019 (SCI-Expanded)
- VI. **Publication Preview Source A Generalized Multi-Stage Adjusted, Latent Class Linear Mixed Model for Testing Genetic Association**  
AKTAŞ ALTUNAY S., KARADAĞ Ö.  
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, vol.1, no.1, pp.1-10, 2018 (SCI-Expanded)
- VII. **Power Divergence Statistics under Quasi Independence Model for Square Contingency Tables**  
AKTAŞ ALTUNAY S.  
Sains Malaysiana, vol.45, pp.1573-1578, 2016 (SCI-Expanded)
- VIII. **Subsymmetry and asymmetry models for multiway square contingency tables with ordered categories**  
Aktas S.  
OPEN MATHEMATICS, vol.14, pp.195-204, 2016 (SCI-Expanded)
- IX. **Testing the Trend for Genotype Distribution of Hypertension Patients in Case-Control Studies**  
Karadag O., Aktas S.  
INTERNATIONAL JOURNAL OF HUMAN GENETICS, vol.16, pp.16-21, 2016 (SCI-Expanded)
- X. **Generalized maximum entropy approach to unreplicated factorial experiments**  
ARAT M. M., Aktas S.  
STATISTICS AND ITS INTERFACE, vol.9, no.3, pp.295-302, 2016 (SCI-Expanded)
- XI. **MARGINAL HOMOGENEITY MODEL FOR ORDERED CATEGORIES WITH OPEN ENDS IN SQUARE CONTINGENCY TABLES**

- Aktas S., WU S.  
REVSTAT-STATISTICAL JOURNAL, vol.13, no.3, pp.233-242, 2015 (SCI-Expanded)
- XII. **ESTIMATION OF THE CORRELATION COEFFICIENT FOR TRIANGULAR CONTINGENCY TABLES UNDER THE BIVARIATE NORMAL DISTRIBUTION**  
Aktas S.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.39, no.1, pp.75-80, 2010 (SCI-Expanded)
- XIII. **Estimation of symmetric disagreement using a uniform association model for ordinal agreement data**  
Aktas S., Saracbası T.  
ASTA-ADVANCES IN STATISTICAL ANALYSIS, vol.93, no.3, pp.335-343, 2009 (SCI-Expanded)
- XIV. **Estimation of change point and compound Poisson process parameters for the earthquake data in Turkey**  
Aktas S., Konsuk H., Yigiter A.  
ENVIRONMETRICS, vol.20, no.4, pp.416-427, 2009 (SCI-Expanded)
- XV. **Comparisons of Sum of Squares Methods in ANOVA Models**  
Ergun G., Aktas S.  
KAFKAS UNIVERSITESI VETERINER FAKULTESI DERGISI, vol.15, no.3, pp.481-484, 2009 (SCI-Expanded)
- XVI. **Computation of the quasi-independence model for the analysis of triangular contingency tables**  
Aktas S.  
COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, vol.89, no.1, pp.72-75, 2008 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Machine Learning with Bayesian Networks for Covid-19 Data**  
ALTUNAY S. A., YILMAZ H. C.  
Journal of advanced research in natural and applied sciences (Online), vol.9, no.1, pp.127-144, 2023 (Peer-Reviewed Journal)
- II. **Post-hoc comparison tests for odds ratios**  
YILMAZ A. E., AKTAŞ ALTUNAY S.  
ELECTRONIC JOURNAL OF APPLIED STATISTICAL ANALYSIS, vol.15, no.1, pp.75-94, 2022 (ESCI)
- III. **DEPARTURE FROM QUASI-UNIFORM ASSOCIATION MODEL IN ORDERED SQUARE CONTINGENCY TABLES**  
ALTUNAY S. A., YILMAZ A. E.  
Mugla Journal of Science and Technology, vol.7, no.2, pp.79-83, 2021 (Peer-Reviewed Journal)
- IV. **Inter-Rater Agreement under Stratified Random Sampling Scheme**  
YILMAZ A. E., AKTAŞ ALTUNAY S.  
International Journal of Advances in Engineering and Pure Sciences, vol.32, no.3, pp.297-294, 2020 (Peer-Reviewed Journal)
- V. **Testing the Marginal Proportions for Marginal Homogeneity Model in Square Contingency Tables with Ordered Categories**  
Altun G., AKTAŞ ALTUNAY S.  
International Journal of Mathematics and Computation, vol.30, no.1, pp.93-104, 2019 (Peer-Reviewed Journal)
- VI. **Latent Class Models Approach to the Multi-rater Agreement**  
YILMAZ A. E., AKTAŞ ALTUNAY S.  
International Journal of Applied Mathematics and Statistics, vol.57, 2018 (ESCI)
- VII. **Generalized Estimating Equations for Genetic Association Studies of Multi-Correlated Longitudinal Family Data**  
KARADAĞ ATAŞ Ö., AKTAŞ ALTUNAY S.  
Gazi Journal of Science, vol.31, pp.273-280, 2018 (Peer-Reviewed Journal)
- VIII. **Bradley-Terry Modeli ile Türkiye Basketbol Süper Ligi'nde Takımların Ev Sahibi Olma Avantajının İncelenmesi**

- BAHÇECİTAPAR M., RIFAT E., AKTAŞ ALTUNAY S.  
Hacettepe Spor Bilimleri Dergisi, vol.29, pp.15-26, 2018 (Peer-Reviewed Journal)
- IX. **PISA 2012 Matematik Puanları İçin Doğrusal Karma Etkiler Modeli**  
BAHÇECİTAPAR M., AKTAŞ ALTUNAY S.  
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.21, 2017 (Peer-Reviewed Journal)
- X. **Çoklu doğrusal bağlantı durumunda doğrusal karma modelin kullanımı ve bir uygulama**  
BAHÇECİTAPAR M., AKTAŞ ALTUNAY S.  
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.21, pp.1349-1359, 2017 (Peer-Reviewed Journal)
- XI. **Students opinions about science and technology in Turkey and the United states: A Cros cultural study**  
KORKMAZ H., THOMAS J. A., TATAR N., AKTAŞ ALTUNAY S.  
International OnlineJournal of Education and Teaching, vol.4, pp.330-344, 2017 (Peer-Reviewed Journal)
- XII. **Students out of achool experiences, job priorities, and perceptions toward themselves as a scientist: a cross cultural study**  
Korkmaz H., Thomas J. A., Tatar N., Aktaş Altunay S.  
International Journal of Curriculum and Instruction, vol.63, no.9, pp.63-80, 2017 (Peer-Reviewed Journal)
- XIII. **Generalized Estimating Equations Approach To Multi-Way Contingency Tables With Longitudinal Data In Case-Control Studies,**  
BAHÇECİTAPAR M., AKTAŞ ALTUNAY S.  
Türkiye Klinikleri Biyoistatistik Dergisi, 2017 (Peer-Reviewed Journal)
- XIV. **Genetik Çalışmalarında Ailesel Yakınlıkların Ölçümü için Sınıf içi ve Sınıflar Arası Korelasyon Katsayıları**  
KARADAĞ Ö., AKTAŞ ALTUNAY S.  
journal of sticians: statistics and actuarial sciences, vol.10, pp.96-103, 2017 (Peer-Reviewed Journal)
- XV. **Beta Regression For The Indicator Values of Well-Being Index for Provinces in Turkey**  
ÜNLÜ H., AKTAŞ ALTUNAY S.  
Journal of Engineering Technology and Applied Sciences, vol.2, pp.101-111, 2017 (Peer-Reviewed Journal)
- XVI. **Estimation of Sample Size and Power for General Full Factorial Design in Educational Experiments**  
BAHÇECİTAPAR M., KARADAĞ Ö., AKTAŞ ALTUNAY S.  
Journal of Statisticians: Statistics and Actuarial Sciences, vol.9, pp.79-86, 2016 (Peer-Reviewed Journal)
- XVII. **Estimation of Sample Size and Power for General Full Factorial Designs**  
BAHÇECİTAPAR M., KARADAĞ ATAŞ Ö., AKTAŞ ALTUNAY S.  
İstatistikçiler Dergisi: İstatistik ve Aktüerya, vol.9, no.2, pp.79-86, 2016 (Peer-Reviewed Journal)
- XVIII. **Quasi likelihood Approach to Rater Agreement plus Linear by Linear Association Model for Ordinal Contingency Tables**  
AKTAŞ ALTUNAY S., BAHÇECİTAPAR M.  
Journal of Statistics: Advances in Theory and Applications, vol.16, pp.1-15, 2016 (Peer-Reviewed Journal)
- XIX. **Karesel Olumsuzluk Tablolarında Asimetri ve Çarpık Simetri Modelleri**  
GÖKÇEN A., AKTAŞ ALTUNAY S.  
Türkiye Klinikleri Biyoistatistik Dergisi, vol.8, pp.152-161, 2016 (Peer-Reviewed Journal)
- XX. **A Study Of Resampling Methods For Testing Equality Of Means In Paired Population**  
KARADAĞ ATAŞ Ö., OLMUŞ H., AKTAŞ ALTUNAY S.  
INTERNATIONAL JOURNAL OF MATHEMATICAL EDUCATION IN SCIENCE AND TECHNOLOGY, vol.46, no.8, pp.1244-1252, 2015 (Scopus)
- XXI. **Evaluation of Consumer Confidence Index of Central Bank of Turkey**  
AKTAŞ ALTUNAY S., KARAGÖZ D.  
The Online Journal of Science and Technology, vol.5, pp.31-36, 2015 (Peer-Reviewed Journal)
- XXII. **Hasta Memnuniyetine Yanıt Yüzeyi Yöntemi Yaklaşımı**  
ÇİTÇİ E., AKTAŞ ALTUNAY S.  
Avrupa Bilim ve Teknoloji Dergisi, vol.2, pp.132-145, 2015 (Peer-Reviewed Journal)
- XXIII. **Evaluation of Consumer Confidence Index of Central Bank of Turkey Consumer Tendency Survey**

- AKTAŞ ALTUNAY S., KARAGÖZ D.  
The Online Journal of Science and Technology, vol.5, pp.32-36, 2015 (Peer-Reviewed Journal)
- XXIV. **Türkiye deki İllerin 2012 2013 Örgün Eğitim İstatistikleri Bakımından Sınıflandırılması ve Sıralanması**  
SEMİH K., AKTAŞ ALTUNAY S., KARADAĞ Ö.  
Journal of Research in Education and Teaching, vol.4, pp.98-110, 2015 (Peer-Reviewed Journal)
- XXV. **Testing the transition probabilities in square contingency tables**  
AKTAŞ ALTUNAY S.  
Journal of Scientific Research and Reports, vol.8, pp.1-6, 2015 (Peer-Reviewed Journal)
- XXVI. **Trends in Human Development Index of Member Countries of European Union**  
KARAGÖZ D., AKTAŞ ALTUNAY S.  
The Online Journal of Science and Technology, vol.5, pp.68-79, 2015 (Peer-Reviewed Journal)
- XXVII. **A study of resampling methods for testing equality of means in paired population**  
AKTAŞ ALTUNAY S.  
INTERNATIONAL JOURNAL OF MATHEMATICAL EDUCATION IN SCIENCE AND TECHNOLOGY, vol.1, no.1, pp.1, 2015 (Scopus)
- XXVIII. **Effect Size For Saw Tooth Power Function in Binomial Trials**  
AKTAŞ ALTUNAY S.  
Int. J. Stat. Math, vol.14, pp.24-31, 2015 (Peer-Reviewed Journal)
- XXIX. **Specification of Variance Covariance Structure in Bivariate Mixed Model for Unequally Time Spaced Longitudinal Data**  
BAHÇECİTAPAR M., KARADAĞ Ö., AKTAŞ ALTUNAY S.  
International Journal of Statistics in Medical Research, vol.4, pp.370-377, 2015 (Peer-Reviewed Journal)
- XXX. **Analysis of Cancer Incidence Data Using Generalized Linear Model with Nested Effect**  
AKTAŞ ALTUNAY S.  
Advances and Applications in Statistics, vol.44, pp.43-56, 2015 (ESCI)
- XXXI. **Group Based Trajectory Modeling of Longitudinal International Infant Mortality Rates**  
AKTAŞ ALTUNAY S., STEVEN J F.  
Population Review, 2014 (Scopus)
- XXXII. **Estimating the Recurrence Periods of Earthquake Data in Turkey**  
KONŞUK H., AKTAŞ S.  
Open Journal of Earthquake Research, vol.2, no.01, pp.21-25, 2013 (Peer-Reviewed Journal)
- XXXIII. **Linear Mixed Model Analysis of Worldwide Longitudinal Infant Mortality Rate Data**  
AKTAŞ ALTUNAY S.  
Journal of Mathematics and System Science, 2013 (Peer-Reviewed Journal)
- XXXIV. **Optimal Sample Size Determination for the ANOVA Designs**  
KARADAĞ ÇAMAN Ö., Aktas S.  
INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS & STATISTICS, vol.25, no.1, pp.127-134, 2012 (ESCI)
- XXXV. **Optimal Sample Size Determination for the ANOVA Designs**  
KARADAĞ ATAŞ Ö., AKTAŞ ALTUNAY S.  
INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND STATISTICS, vol.25, no.1, pp.127-134, 2012 (Scopus)
- XXXVI. **Basit Doğrusal Regresyonda Sağlık ve Theil Kestiricilerinin Karşılaştırılması**  
TOKA O., ÇETİN M., AKTAŞ ALTUNAY S.  
İstatistik Araştırma Dergisi, vol.8, no.3, pp.45-53, 2011 (Peer-Reviewed Journal)
- XXXVII. **Efficient Optimality Criterion for the Response Surface Designs**  
AKTAŞ ALTUNAY S.  
International Journal of Mathematics Computation, vol.13, 2011 (Peer-Reviewed Journal)
- XXXVIII. **Confidence Intervals Based on Robust Estimators**  
ÇETİN M., Aktas S.  
JOURNAL OF MODERN APPLIED STATISTICAL METHODS, vol.7, no.1, pp.253-258, 2008 (ESCI)

## Books & Book Chapters

- I. **BÖLÜM 4 ÖRNEKLEM SEÇİMİ VE GÜÇ ANALİZİ**  
KONŞUK ÜNLÜ H., AKTAŞ ALTUNAY S., ALTINDIŞ M.  
in: Genç Akademisyenler İçin BİLİMSEL ARAŞTIRMA TEKNİKLERİ VE YAYIN ETİĞİ, Altındış, Mustafa, Editor, Nobel Akademik Yayıncılık, Ankara, pp.37-69, 2022
- II. **Kategorik Veri Analizi**  
SARAÇBAŞI T., AKTAŞ ALTUNAY S.  
Hacettepe Üniversitesi, 2016

## Refereed Congress / Symposium Publications in Proceedings

- I. **Farklı Yeniden Örneklem Tekniklerinin Python ve R Uygulaması**  
KONŞUK ÜNLÜ H., AKTAŞ ALTUNAY S.  
Why R? Türkiye 2022 Konferansı [Online], ONLINE, Turkey, 15 - 17 April 2022
- II. **The Investigation of Factors Affecting Level of Happiness Using Data Mining Methods**  
KONŞUK ÜNLÜ H., AKTUNA G., AKTAŞ ALTUNAY S.  
2nd International Conference on Data Science and Applications (ICONDATA'19), Balıkesir, Turkey, 3 - 06 October 2019, pp.38
- III. **Ridit and Exponential Weights for Multi-rater Agreement Studies in Latent Class Models**  
YILMAZ A. E., AKTAŞ ALTUNAY S.  
IRSYSC 2018, İzmir, Turkey, 28 - 30 April 2018
- IV. **The Intra And Interclass Correlation Coefficients for Measuring the Familial Relatedness in Genetic Studies**  
KARADAĞ Ö., AKTAŞ ALTUNAY S.  
The 10th International Conference of the ERCIM WG on Computational and Methodological Statistics, 16 - 18 December 2017
- V. **Measuring Degree of Distinguishability and Agreement in Ordinal Rating Scales**  
YILMAZ A. E., AKTAŞ ALTUNAY S.  
XIX. Ulusal ve II. Uluslararası Biyoistatistik Kongresi, 25 - 28 October 2017
- VI. **Bayesian Conditional Auto Regressive Model for Mapping Respiratory Disease Mortality in Turkey**  
CAN C. E., BAKACAK L., AKTAŞ ALTUNAY S., YİĞİTER A.  
İSTKON2017, 6 - 08 December 2017
- VII. **., Estimation of Variance Components in Gage Repeatability Reproducibility Studies**  
DİNDAŞ Z., AKTAŞ ALTUNAY S.  
İSTKON2017, 6 - 08 December 2017
- VIII. **Karesel Olumsuzluk Tablolarında Gen-Gen Etkileşimlerinin Analizi,**  
ALTUN G., KARADAĞ Ö., AKTAŞ ALTUNAY S.  
18. Uluslararası Ekonometri, Yöneylem Araştırması ve İstatistik Sempozyumu, 5 - 07 October 2017
- IX. **Latent class models approach to the rater agreement in ordered square contingency tables**  
YILMAZ A. E., AKTAŞ ALTUNAY S.  
61st World Statistics Congress, MARAKEŞ, Morocco, 16 - 21 July 2017
- X. **Bivariate Poisson-Laguerre Polynomial Model**  
ÜNLÜ H., AKTAŞ ALTUNAY S.  
3rd International Researchers, Statisticians and Young Statisticians Congress, 24 - 26 May 2017
- XI. **Goodness of Fit Tests For Hardy Weinberg Equilibrium**  
KARADAĞ Ö., AKTAŞ ALTUNAY S.  
3rd International Conference On Advances In Statistics, 28 - 30 April 2017
- XII. **Pairwise Comparisons For Marginal Homogeneity Model in Square Contingency Tables**  
ALTUN G., AKTAŞ ALTUNAY S.

- 3rd International Conference On Advances in Statistics, 28 - 30 April 2017
- XIII. **Bayesian Poisson Hidden Markov Model**  
CAN C. E., AKTAŞ ALTUNAY S.  
3rd International Conference On Advances In Statistics, 28 - 30 April 2017
- XIV. **LATENT CLASS MODELS APPROACH TO THE RATER AGREEMENT**  
YILMAZ A. E., AKTAŞ ALTUNAY S.  
58th Annual Conference of the South African Statistical Association, Cape-Town, South Africa, 28 November - 01 December 2016
- XV. **Smoothing Parameter Selection in Local Regression for SEER Cancer Data**  
ÜNLÜ H., AKTAŞ S.  
2nd International Researchers, Statisticians and Young Statisticians Congress, Ankara, Turkey, 4 - 08 May 2016
- XVI. **Goodness of Fit Tests for Generalized Gamma Distribution**  
KARADAĞ ÇAMAN Ö., Aktas S.  
International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Rhodes, Greece, 23 - 29 September 2015, vol.1738
- XVII. **Çokterimli Dağılım Varsayımı Altında Trafik Kazalarının Aylara ve Günlere Göre Dağılımı**  
ÜNLÜ H., AKTAŞ S.  
6. Karayolu Trafik Güvenliği Sempozyumu, Ankara, Turkey, 12 - 14 November 2015
- XVIII. **Çok Terimli Dağılım Varsayımı Altında Trafik Kazalarının Aylara Ve Günlere Göre Dağılımı**  
ÜNLÜ H., AKTAŞ ALTUNAY S.  
6. KARAYOLU TRAFİK GÜVENLİĞİ SEMPOZYUMU, Turkey, 12 - 14 November 2015
- XIX. **Generalized Estimating Equations for Genetic Association Studies of Longitudinal Family Data**  
KARADAĞ Ö., AKTAŞ ALTUNAY S.  
22nd International Scientific Symposium on Biometrics, 28 June - 01 July 2015
- XX. **Triangle Distribution for Positively Skewed Data**  
KARAGÖZ D., AKTAŞ ALTUNAY S.  
6th International Conference on New Horizons in Education, 10 - 12 June 2015
- XXI. **Confidence Interval for Kappa Coefficient under Stratified Sampling**  
YILMAZ A. E., AKTAŞ ALTUNAY S.  
8th conference of the Eastern Mediterranean Region of the International Biometric Society, 11 - 15 May 2015
- XXII. **Testing the trend for 2xk contingency tables**  
KARADAĞ Ö., AKTAŞ ALTUNAY S.  
8th conference of the Eastern Mediterranean Region of the International Biometric Society, 11 - 15 May 2015
- XXIII. **Detection of Multiple Outliers in Multivariate Data**  
KARAGÖZ D., AKTAŞ ALTUNAY S.  
8th conference of the Eastern Mediterranean Region of the International Biometric Society, 11 - 15 May 2015
- XXIV. **Departure from Uniform Association in Square Contingency Tables**  
AKTAŞ ALTUNAY S., YILMAZ A. E.  
11th Applied Statistics 2014, International Conference, Ribno, Slovenia, 21 - 24 September 2014
- XXV. **Ridit and Exponential Type Scores for Estimating Kappa Statistics**  
AKTAŞ ALTUNAY S., YILMAZ A. E.  
11th Applied Statistics 2014, International Conference, Ribno, Slovenia, 21 - 24 September 2014
- XXVI. **Two Sample t Test Under Serial Dependence**  
AKTAŞ ALTUNAY S., YILMAZ A. E.  
ENBIS-2013, Ankara, Turkey, 15 - 19 September 2013
- XXVII. **Percutaneous bone-marrow grafting of fractures and bony defects in rabbits**  
Sahin V., Karakas E., Belenli O., Yavuz O., Aktas S.  
International Meeting of the International-Research-Society-of-Orthopaedic-Surgery-and-Traumatology, Sydney, Australia, 16 - 19 April 1999, pp.279-284
- XXVIII. **Effect of the row and the column scores in contingency tables having ordered categories**  
Aktas S., SARACBASI T.

## Supported Projects

- KARADAĞ ATAŞ Ö., AKTAŞ ALTUNAY S., Project Supported by Higher Education Institutions, Genetik Çalışmalarında Ailesel Yakınlıkların Ölçümünde Sınıfçı ve Sınıflararası Korelasyon Katsayıları, 2017 - 2018
- AKTAŞ ALTUNAY S., YILMAZ A. E., Project Supported by Higher Education Institutions, Sıralanabilir Ölçeklerde Ayırt Edilebilirlik Derecesi ve Uyumun Ölçülmesi, 2017 - 2017
- KARADAĞ ATAŞ Ö., ALTUN G., AKTAŞ ALTUNAY S., Project Supported by Higher Education Institutions, Karesel Olumsuzluk Tablolarında GenGen Etkileşimlerinin Analizi, 2017 - 2017
- AKTAŞ ALTUNAY S., Project Supported by Higher Education Institutions, Sıralı Karesel Olumsuzluk Tablolarında Değerlendirici Uyum için Gizli Sınıflı Modeller, 2017 - 2017
- CAN C. E., AKTAŞ ALTUNAY S., Project Supported by Higher Education Institutions, Bayesian Poisson-Hidden Markov Model, 2016 - 2017
- SARAÇBAŞI T., YILMAZ A. E., AKTAŞ ALTUNAY S., Project Supported by Higher Education Institutions, Değerlendirici Uyumunda Gizli Sınıf Modelleri Yaklaşımı, 2016 - 2017
- YENİAY M. Ö., TURFAN D., AKTAŞ ALTUNAY S., YILMAZ A. E., Project Supported by Higher Education Institutions, Güney Afrika İstatistik Derneği, Cape Town Üniversitesi, 2016 İstatistik Konferansı, 2016 - 2017
- AKTAŞ ALTUNAY S., WU S., Project Supported by Higher Education Institutions, AÇIK UÇLU SIRALANABİLİR KATEGORİLİ KARESEL OLUMSALLIK TABLOLARINDA MARJİNAL HOMOJENLİK MODELİ, 2016 - 2017
- KARAGÖZ D., AKTAŞ ALTUNAY S., Project Supported by Higher Education Institutions, POSİTİF ÇARPIK VERİLER İÇİN ÜÇGENSEL DAĞILIM TANIMI VE EĞİTİM UYGULAMASI, 2015 - 2016
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