

## Prof. SERPİL AKTAŞ ALTUNAY

### Personal Information

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### Education Information

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

Post Graduate, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, İstatistik, Turkey 1991 - 1994

Under Graduate, Hacettepe Üniversitesi, Fen Fakültesi, İstatistik Bölümü, Turkey 1986 - 1990

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Post Graduate, 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 Üniversitesi, Fen Fakültesi, İstatistik Bölümü, 2010 - 2010

### Academic and Administrative Experience

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

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

### Advising Theses

AKTAŞ ALTUNAY S., Estimation of Variance Components in Gage Repeatability & Reproducibility, Post Graduate, 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, Post Graduate,

S.GÜNEY(Student), 2015

AKTAŞ ALTUNAY S., Yüksek dereceden yanıt yüzeyi modelleri üzerine bir çalışma, Post Graduate, E.ÇİFTÇİ(Student), 2011

AKTAŞ ALTUNAY S., Sıralı seçenek hipotezlerinde kullanılan testler, Post Graduate, H.DAĞLIOĞLU(Student), 2008

AKTAŞ ALTUNAY S., Yapısal eşitlik modelleri, Post Graduate, C.TEZCAN(Student), 2008

AKTAŞ ALTUNAY S., Kesikli seçim analizi ve bir uygulama, Post Graduate, S.OSMANOĞLU(Student), 2005

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

- I. **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 (Journal Indexed in SCI)
- II. **Assessment of SNP-SNP interactions by using square contingency table analysis**  
KARADAĞ ÇAMAN Ö., Altun G., Aktas S.  
ANAIŞ DA ACADEMIA BRASILEIRA DE CIENCIAS, vol.92, no.3, 2020 (Journal Indexed in SCI)
- III. **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 (Journal Indexed in SCI)
- IV. **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 (Journal Indexed in SCI Expanded)
- V. **Power Divergence Statistics under Quasi Independence Model for Square Contingency Tables**  
AKTAŞ ALTUNAY S.  
Sains Malaysiana, vol.45, pp.1573-1578, 2016 (Journal Indexed in SCI Expanded)
- VI. **Subsymmetry and asymmetry models for multiway square contingency tables with ordered categories**  
Aktas S.  
OPEN MATHEMATICS, vol.14, pp.195-204, 2016 (Journal Indexed in SCI)
- VII. **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 (Journal Indexed in SCI)
- VIII. **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 (Journal Indexed in SCI)
- IX. **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 (Journal Indexed in SCI)
- X. **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 (Journal Indexed in SCI)
- XI. **Estimation of symmetric disagreement using a uniform association model for ordinal agreement data**  
Aktas S., Saracbasi T.  
ASTA-ADVANCES IN STATISTICAL ANALYSIS, vol.93, no.3, pp.335-343, 2009 (Journal Indexed in SCI)

- XII. **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 (Journal Indexed in SCI)
- XIII. **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 (Journal Indexed in SCI)
- XIV. **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 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **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 (Refereed Journals of Other Institutions)
- II. **Testing the Marginal Proportions for Marginal Homogeneity Model in Square Contingency Tables with Ordered Categories**  
Altun G., AKTAŞ ALTUNAY S.  
Internationa Journal of Mathematics and Computation, vol.30, no.1, pp.93-104, 2019 (Refereed Journals of Other Institutions)
- III. **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 (Refereed Journals of Other Institutions)
- IV. **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 (Refereed Journals of Other Institutions)
- V. **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 (Refereed Journals of Other Institutions)
- VI. **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 (Refereed Journals of Other Institutions)
- VII. **PISA 2012 Matematik Puanları İçin Doğrusal Karma Etkiler Modeli**  
BAHÇECİTAPAR M., AKTAŞ ALTUNAY S.  
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.21, 2017 (Refereed Journals of Other Institutions)
- VIII. **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 (Refereed Journals of Other Institutions)
- IX. **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 (Refereed Journals of Other Institutions)

- X. **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 (Refereed Journals of Other Institutions)
- XI. **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 (Refereed Journals of Other Institutions)
- XII. **Genetik Çalışmalarında Ailesel Yakınlıkların Ölçümü için Sınıf içi ve Sınıflar Arası Korelasyon Katsayıları**  
KARADAĞ Ö., AKTAŞ ALTUNAY S.  
journal of statisticians: statistics and actuarial sciences, vol.10, pp.96-103, 2017 (Refereed Journals of Other Institutions)
- XIII. **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 (Other Refereed National Journals)
- XIV. **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 (Refereed Journals of Other Institutions)
- XV. **Karesel Olumsuzluk Tablolarında Asimetri ve Çarpık Simetri Modelleri**  
GÖKÇEN A., AKTAŞ ALTUNAY S.  
Türkiye Klinikleri Biyoistatistik Dergisi, vol.8, pp.152-161, 2016 (Refereed Journals of Other Institutions)
- XVI. **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 (Refereed Journals of Other Institutions)
- XVII. **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 (Refereed Journals of Other Institutions)
- XVIII. **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 (Refereed Journals of Other Institutions)
- XIX. **Hasta Memnuniyetine Yanıt Yüzeyi Yöntemi Yaklaşımı**  
ÇİTÇİ E., AKTAŞ ALTUNAY S.  
Avrupa Bilim ve Teknoloji Dergisi, vol.2, pp.132-145, 2015 (Refereed Journals of Other Institutions)
- XX. **Effect Size For Saw Tooth Power Function in Binomial Trials**  
AKTAŞ ALTUNAY S.  
Int. J. Stat. Math, vol.14, pp.24-31, 2015 (Refereed Journals of Other Institutions)
- XXI. **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 (Refereed Journals of Other Institutions)
- XXII. **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 (Refereed Journals of Other Institutions)
- 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 (Refereed Journals of Other Institutions)
- XXIV. **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 (Refereed Journals of Other Institutions)
- XXV. **Testing the transition probabilities in square contingency tables**  
AKTAŞ ALTUNAY S.  
Journal of Scientific Research and Reports, vol.8, pp.1-6, 2015 (Refereed Journals of Other Institutions)
- XXVI. **Group Based Trajectory Modeling of Longitudinal International Infant Mortality Rates**  
AKTAŞ ALTUNAY S., STEVEN J F.  
Population Review, 2014 (Refereed Journals of Other Institutions)
- XXVII. **Linear Mixed Model Analysis of Worldwide Longitudinal Infant Mortality Rate Data**  
AKTAŞ ALTUNAY S.  
Journal of Mathematics and System Science, 2013 (Refereed Journals of Other Institutions)
- XXVIII. **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 (Journal Indexed in ESCI)
- XXIX. **Basit Doğrusal Regresyonda Sağlam ve Theil Kestiricilerinin Karşılaştırılması**  
TOKA O., ÇETİN M., AKTAŞ ALTUNAY S.  
İstatistik Araştırma Dergisi, vol.8, no.3, pp.45-53, 2011 (Refereed Journals of Other Institutions)
- XXX. **Efficient Optimality Criterion for the Response Surface Designs**  
AKTAŞ ALTUNAY S.  
International Journal of Mathematics Computation, vol.13, 2011 (Refereed Journals of Other Institutions)
- XXXI. **Confidence Intervals Based on Robust Estimators**  
ÇETİN M., Aktas S.  
JOURNAL OF MODERN APPLIED STATISTICAL METHODS, vol.7, no.1, pp.253-258, 2008 (Journal Indexed in ESCI)

## **Books & Book Chapters**

- I. **Kategorik Veri Analizi**  
SARAÇBAŞI T., AKTAŞ ALTUNAY S.  
Hacettepe Üniversitesi, 2016

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **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
- II. **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
- III. **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
- IV. **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

- V. **., Estimation of Variance Components in Gage Repeatability Reproducibility Studies**  
DİNDAŞ Z., AKTAŞ ALTUNAY S.  
İSTKON2017, 6 - 08 December 2017
- VI. **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
- VII. **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
- VIII. **Bivariate Poisson-Laguerre Polynomial Model**  
ÜNLÜ H., AKTAŞ ALTUNAY S.  
3rd International Researchers, Statisticians and Young Statisticians Congress, 24 - 26 May 2017
- IX. **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
- X. **Goodness of Fit Tests For Hardy Weinberg Equilibrium**  
KARADAĞ Ö., AKTAŞ ALTUNAY S.  
3rd International Conference On Advances In Statistics, 28 - 30 April 2017
- XI. **Bayesian Poisson Hidden Markov Model**  
CAN C. E. , AKTAŞ ALTUNAY S.  
3rd International Conference On Advances In Statistics, 28 - 30 April 2017
- XII. **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
- XIII. **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
- XIV. **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
- XV. **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
- XVI. **Triangle Distribution for Positively Skewed Data**  
KARAGÖZ D., AKTAŞ ALTUNAY S.  
6th International Conference on New Horizons in Education, 10 - 12 June 2015
- XVII. **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
- XVIII. **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
- XIX. **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
- XX. **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
- XXI. **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

**XXII. Two Sample t Test Under Serial Dependence**

AKTAŞ ALTUNAY S., YILMAZ A. E.

ENBIS-2013, Ankara, Turkey, 15 - 19 September 2013

**XXIII. Effect of the row and the column scores in contingency tables having ordered categories**

Aktas S., SARACBASI T.

International Conference on Applied Statistical in Medical Sciences, Ankara, Turkey, 01 August 1997, vol.4, pp.211-219

**XXIV. 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

## 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

KARADAĞ ATAŞ Ö., AKTAŞ ALTUNAY S., Project Supported by Higher Education Institutions, Uzun Süreli Aile Verisinin Genetik İlişki Çalışmaları için Genelleştirilmiş Tahmin Eşitlikleri, 2015 - 2015

AKTAŞ ALTUNAY S., KARADAĞ Ö., BAHÇECİTAPAR M., Project Supported by Higher Education Institutions, EŞİT ARALIKLI OLMAYAN UZUNSÜRELİ VERİLER İÇİN İKİ DEĞİŞKENLİ KARMA MODELLERDE VARYANS KOVARYANS MATRİSİNİN BELİRLENMESİ, 2015 - 2015

## Citations

Total Citations (WOS):73

h-index (WOS):2