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Education Information

Doctorate, Hacettepe Üniversitesi, Fen Fakültesi, Turkey 1996 - 2000

Dissertations

Doctorate, Dogusal Regresyonda Sağlam Değişken Seçim Yönteleri, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, İstatistik (Dr), 2000

Research Areas

Statistics, Statistical Analysis and Applications, Natural Sciences

Academic Titles / Tasks

Associate Professor, Western Illinois University, 2012 - 2012

Advising Theses

ÇETİN M., Gudermannian kayıp fonksiyonu ve GudermannianBoost ikili sınıflandırma yöntemi, Doctorate, O.TOKA(Student), 2016

ÇETİN M., Kayıp veri durumunda sağlam kestirim, Postgraduate, O.TOKA(Student), 2012

ÇETİN M., Çok değişkenli uyarlamalı regresyon uzanımları, Postgraduate, B.ÜNAL(Student), 2009

ÇETİN M., Doğrusal regresyonda sağlam güven aralıkları, Postgraduate, N.TUBA(Student), 2005

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

- I. **Robust regression estimation and variable selection when cellwise and casewise outliers are present**
TOKA O., ÇETİN M., ARSLAN O.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.50, no.1, pp.289-303, 2021 (Journal Indexed in SCI)
- II. **Robust estimation in restricted linear regression**
TOKA O., ÇETİN M., ARSLAN O.
COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION, 2019 (Journal Indexed in SCI)
- III. **A binary boosting method in the presence of outliers in training data**
TOKA O., ÇETİN M.
SOFT COMPUTING, vol.23, no.16, pp.7081-7090, 2019 (Journal Indexed in SCI)

- IV. **Tyrosine Kinase Inhibitor Responses in Pediatric CML Patients: Hacettepe Experience**
Bajin I. Y. , AYTAÇ S. A. , KUŞKONMAZ B. B. , ÜNAL S., Okur V., Cetinkaya D., ÇETİN M., GÜMRÜK F.
PEDIATRIC BLOOD & CANCER, vol.64, 2017 (Journal Indexed in SCI)
- V. **Effectiveness of Radioisotope Synoviectomy in Haemophilia Patients With High Titer Inhibitors**
AYTAÇ S. A. , Bajin I. Y. , Altan I., TUNCEL M., ÇAĞLAR Ö., ÇETİN M., ATILLA B.
HAEMOPHILIA, vol.23, pp.129-130, 2017 (Journal Indexed in SCI)
- VI. **Thrombosis Associated with Childhood Solid Tumors: A Single Center Experience**
Bajin I. Y. , AYTAÇ S. A. , AYDIN G. B. , KUŞKONMAZ B. B. , ÜNAL S., ÇETİN M., TUNCER M., Gurnruk F., Akyuz C.
PEDIATRIC BLOOD & CANCER, vol.63, 2016 (Journal Indexed in SCI)
- VII. **Multiple Bone Cysts in Patient with Congenital Afibrinogenaemia**
AYTAÇ S. A. , KUŞKONMAZ B. B. , ÇAĞLAR Ö., GÜMRÜK F., ÇETİN M.
HAEMOPHILIA, vol.22, pp.87-88, 2016 (Journal Indexed in SCI)
- VIII. **Robust model selection criteria for robust S and LTS estimators**
ÇETİN M.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.45, no.1, pp.153-164, 2016 (Journal Indexed in SCI)
- IX. **OSTEOPOROSIS IN PATIENTS WITH ACUTE LYMPHOBLASTIC LEUKEMIA TREATED ON MODIFIED ST JUDE TOTAL XV THERAPY**
AYTAÇ S. A. , ÇETİN M., KUŞKONMAZ B. B. , ÜNAL S., TAVİL B., GÜMRÜK F.
PEDIATRIC BLOOD & CANCER, vol.62, 2015 (Journal Indexed in SCI)
- X. **Risk of thrombosis in a cohort of pediatric acute lymphoblastic leukemia patients**
ÜNAL S., GÜMRÜK F., Bayhan T., AYTAÇ S. A. , TAVİL B., KUŞKONMAZ B. B. , ÇETİN M.
JOURNAL OF THROMBOSIS AND HAEMOSTASIS, vol.13, pp.934, 2015 (Journal Indexed in SCI)
- XI. **PEDIATRIC MYELODYSPLASTIC SYNDROME: EXPERIENCE FROM A SINGLE CENTER**
ÇETİN M., ÜNAL S., Bayhan T., AYTAÇ S. A. , KUŞKONMAZ B. B. , TAVİL B., UCKAN-CETINKAYA D., TUNCER M., GÜMRÜK F.
PEDIATRIC BLOOD & CANCER, vol.61, 2014 (Journal Indexed in SCI)
- XII. **THE OUTCOME OF PEDIATRIC ACUTE LYMPHOBLASTIC LEUKEMIA IN PATIENTS WHO PRESENTED WITH HYPERLEUKOCYTOSIS**
ÜNAL S., ÖZSÜREKÇİ Y., AYTAÇ S. A. , KUŞKONMAZ B. B. , TAVİL B., TUNCER M., YETGİN S., GURGEY A., GÜMRÜK F., ÇETİN M.
PEDIATRIC BLOOD & CANCER, vol.61, 2014 (Journal Indexed in SCI)
- XIII. **A simulation study on the influence of ties on uniform scores test for circular data**
TASDAN F., ÇETİN M.
JOURNAL OF APPLIED STATISTICS, vol.41, no.5, pp.1137-1146, 2014 (Journal Indexed in SCI)
- XIV. **IMPROVED OUTCOME IN HIGH RISK GROUP PATIENTS WITH HIGH DOSE METHYLPREDNISOLONE DURING INDUCTION OF MODIFIED ST JUDE TOTAL XIII**
ÜNAL S., GURGEY A., YETGİN S., GÜMRÜK F., TUNCER M., AYTAÇ S. A. , KUŞKONMAZ B. B. , ÇETİN M.
PEDIATRIC BLOOD & CANCER, vol.60, pp.70, 2013 (Journal Indexed in SCI)
- XV. **RECURRENT PEDIATRIC THROMBOSIS: INFLUENCE AND UNDERLYING OR COEXISTING FACTORS**
Gökçe M., Altan I., ÜNAL S., KUŞKONMAZ B. B. , AYTAÇ S. A. , ÇETİN M., TUNCER M., GÜMRÜK F., GURGEY A.
HAEMATOLOGICA, vol.97, pp.192, 2012 (Journal Indexed in SCI)
- XVI. **Dynamics in children and adolescents who experience varicella zoster virus infections after haematopoietic stem cell transplantation: A case-control study**
AYTAÇ S. A. , YALÇIN S. S. , KUCUKBAYRAK O., ÇETİN M., UCKAN D.
Epidemiology and Infection, vol.139, no.11, pp.1701-1709, 2011 (Journal Indexed in SCI Expanded)
- XVII. **Naturally acquired hepatitis A antibodies after haematopoietic stem cell transplantation**
YALÇIN S. S. , KONDOLOT M., GÖKER H., KUŞKONMAZ B. B. , KARACAN Y., ÇETİN M., AKSU S., TEZCAN I., UCKAN D.
EPIDEMIOLOGY AND INFECTION, vol.139, no.5, pp.683-687, 2011 (Journal Indexed in SCI)
- XVIII. **Additional effect of pulsed electromagnetic field therapy on knee osteoarthritis treatment: a randomized, placebo-controlled study**
OZGUCLU E., ÇETİN A., ÇETİN M., CALP E.
CLINICAL RHEUMATOLOGY, vol.29, no.8, pp.927-931, 2010 (Journal Indexed in SCI)

- XIX. **Robust model selection criteria for robust Liu estimator**
ÇETİN M.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, vol.199, no.1, pp.21-24, 2009 (Journal Indexed in SCI)
- XX. **Congenital coagulation factor deficiencies: Hacettepe experience**
AYTAÇ S. A. , KUŞKONMAZ B. B. , ÜNAL S., Hicsonmez G., ÇETİN M., GÜMRÜK F., TUNCER M., Yetgin S., Ozsoylu S., Altay C., et al.
HAEMOPHILIA, vol.14, pp.12-13, 2008 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **A CORRECTION ON TANGENTBOOST ALGORITHM**
TOKA O., ÇETİN M.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.67, no.2, pp.1-10, 2018 (Journal Indexed in ESCI)
- II. **Outlier detection in a preliminary test estimator of the mean**
YÜKSEL G., ÇETİN M.
JOURNAL OF STATISTICS & MANAGEMENT SYSTEMS, vol.19, no.4, pp.605-615, 2016 (Journal Indexed in ESCI)
- III. **Imputation and Deletion Methods Under The Presence of Missing Values and Outliers: A Comparative Study**
TOKA O., ÇETİN M.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.29, no.4, pp.799-809, 2016 (Journal Indexed in ESCI)
- IV. **Investigation of the Change Point in Mean of Normal Sequence Having an Outlier**
YİĞİTER A., ÇETİN M.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.26, no.4, pp.543-555, 2013 (Journal Indexed in ESCI)
- V. **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)
- VI. **The comparing of S-estimator and M-estimators in linear regression**
ÇETİN M., TOKA O.
Gazi University Journal of Science, vol.24, no.4, pp.747-752, 2011 (Refereed Journals of Other Institutions)
- VII. **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)

Refereed Congress / Symposium Publications in Proceedings

- I. **THROMBOSIS DURING INFANCY AND NEWBORN PERIOD: AN UNRESOLVED ISSUE**
GÜMRÜK F., AYTAÇ S. A. , Bajin I. Y. , KUŞKONMAZ B. B. , ÜNAL S., YİĞİT Ş., Yurakok M., ÇETİN M.
22nd Congress of the European-Hematology-Association, Madrid, Spain, 22 - 25 June 2017, vol.102, pp.648
- II. **BONE MARROW MRD EVALUATION ON DAY 7 OF STEROID TREATMENT OF MODIFIED ST JUDE TOTAL XV THERAPY IN STANDART/LOW RISK PATIENTS WITH ACUTE LYMPHOBLASTIC LEUKEMIA**
AYTAÇ S. A. , ÇETİN M., Bajin I. Y. , Altan I., ÜNAL S., KUŞKONMAZ B. B. , Uçkan D., GÜMRÜK F.
22nd Congress of the European-Hematology-Association, Madrid, Spain, 22 - 25 June 2017, vol.102, pp.352
- III. **Determination of properties of bone marrow and tissue-derived mesenchymal stromal/stem cell population in neurofibromatosis type 1 patients**
Soycan I. A. , KARAOSMANOĞLU B., Cetinkaya D. U. , Ayter S., Taskiran E., ÇETİN M., VARGEL İ., KUŞKONMAZ B. B. , Evans S., VARAN A., et al.
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.271-272

- IV. **PROGNOSIS OF CHILDREN WITH ACUTE HYPERLEUKOCYTIC LYMPHOBLASTIC LEUKEMIA TREATED WITH MODIFIED ST JUDE TOTAL XV PROTOCOL**
ÇETİN M., AYTAÇ S. A. , Karahan C. D. , KUŞKONMAZ B. B. , ÜNAL S., GÜMRÜK F., TUNCER M.
21st Congress of the European-Hematology-Association, Copenhagen, Denmark, 9 - 12 June 2016, vol.101, pp.662
- V. **TREATMENT AND OUTCOME OF PEDIATRIC CEREBRAL SINOVENOUS THROMBOSIS: A SINGLE CENTER EXPERIENCE**
AYTAÇ S. A. , Altan I., KUŞKONMAZ B. B. , Bajin I. Y. , ÜNAL S., TAVİL B., ÇETİN M., TUNCER M., GÜMRÜK F.
21st Congress of the European-Hematology-Association, Copenhagen, Denmark, 9 - 12 June 2016, vol.101, pp.872
- VI. **Successfull treatment of a child with natural killer (NK) cell lymphoma/leukemia with allogeneic hematopoietic stem cell transplantation**
AYTAÇ S. A. , KUŞKONMAZ B. B. , AYDIN B., ÇETİN M., AKYÜZ C., UCKAN-CETINKAYA D.
42nd Annual Meeting of the European-Society-for-Blood-and-Marrow-Transplantation, Valencia, Spain, 3 - 06 April 2016, vol.51
- VII. **UPPER AND LOWER EXTREMITY DEEP VEIN THROMBOSIS IN CHILDREN: A SINGLE CENTER EXPERIENCE**
ÇETİN M., AYTAÇ S. A. , Bayhan T., ÜNAL S., TAVİL B., KUŞKONMAZ B. B. , GÜMRÜK F.
20th Congress of European-Hematology-Association, Vienna, Austria, 11 - 14 June 2015, vol.100, pp.621
- VIII. **INDUCTION PHASE INFECTIONS IN CHILDREN WITH ACUTE LYMPHOBLASTIC LEUKEMIA AND IMPACT OF STEROID DOSE ON THE INCIDENCE OF INFECTIONS: A RANDOMIZED CONTROLLED STUDY**
Bayhan T., ÜNAL S., TAVİL B., AYTAÇ S. A. , KUŞKONMAZ B. B. , Tastemel T., Canoruc S. D. , TUNCER M., ÇETİN M., GÜMRÜK F.
20th Congress of European-Hematology-Association, Vienna, Austria, 11 - 14 June 2015, vol.100, pp.465
- IX. **IMPACT OF STEROID DOSE AT INDUCTION PHASE OF PEDIATRIC ALL ON MINIMAL RESIDUAL DISEASE AND SURVIVAL OF THE PATIENTS: A PROSPECTIVE RANDOMIZED STUDY**
ÜNAL S., Bayhan T., AYTAÇ S. A. , TAVİL B., KUŞKONMAZ B. B. , TUNCER M., GÜMRÜK F., ÇETİN M.
20th Congress of European-Hematology-Association, Vienna, Austria, 11 - 14 June 2015, vol.100, pp.202-203
- X. **Hematopoietic stem cell transplantation in patients with genetic hemophagocytic lymphohistiocytosis**
KUŞKONMAZ B. B. , AYTAÇ S. A. , ÇAĞDAŞ AYVAZ D. N. , Bayhan T., TAVİL B., ÜNAL S., ÇETİN M., GÜMRÜK F., Tezcan I., Cetinkaya D. U.
41st Annual Meeting of the European-Society-for-Blood-and-Marrow-Transplantation, İstanbul, Turkey, 22 - 25 March 2015, vol.50
- XI. **Hematopoietic Stem Cell Transplantation in Children Using Preimplantation Genetic Diagnosis for HLA-Matched Donor: a Turkish Multicenter Study**
Kurekci A. E. , Kupesiz A., Anak S., Ozturk G., Gursel O., AKSOYLAR S., Ileri T., KUŞKONMAZ B. B. , Eker I., ÇETİN M., et al.
41st Annual Meeting of the European-Society-for-Blood-and-Marrow-Transplantation, İstanbul, Turkey, 22 - 25 March 2015, vol.50
- XII. **Safety and efficacy of deferasirox in beta-thalassemia major patients after hematopoietic stem cell transplantation: Baseline data of a phase II, multi-center, single-arm, prospective study**
Yesilipek M. A. , Karasu G., Kaya Z., KUŞKONMAZ B. B. , KANSOY S., Kuepesiz A. O. , ÇETİN M., Dag I., Birkent A., Ertem M.
41st Annual Meeting of the European-Society-for-Blood-and-Marrow-Transplantation, İstanbul, Turkey, 22 - 25 March 2015, vol.50
- XIII. **Split Chimerism Between Nucleated and Red Blood Cells in a Beta Thalassemia Patient After Stem Cell Transplantation**
OKUR F. V. , Aerts-Kaya F. S. F. , KUŞKONMAZ B. B. , OKUR H., ÇETİN M., GÜMRÜK F., Uckan-Cetinkaya D.
41st Annual Meeting of the European-Society-for-Blood-and-Marrow-Transplantation, İstanbul, Turkey, 22 - 25 March 2015, vol.50
- XIV. **Hematopoietic stem cell transplantation in children with chronic myeloid leukemia**
KUŞKONMAZ B. B. , Bayhan T., AYTAÇ S. A. , ÜNAL S., TAVİL B., GÜMRÜK F., ÇETİN M., Cetinkaya D. U.

- 41st Annual Meeting of the European-Society-for-Blood-and-Marrow-Transplantation, İstanbul, Turkey, 22 - 25 March 2015, vol.50
- XV. **Association Between High Uric Acid Levels and Hepatic Veno-Occlusive Disease in HCST**
Karapapak M., OKUR F. V. , KUŞKONMAZ B. B. , ÇETİN M., Uckan-Cetinkaya D.
41st Annual Meeting of the European-Society-for-Blood-and-Marrow-Transplantation, İstanbul, Turkey, 22 - 25 March 2015, vol.50
- XVI. **Hematopoietic stem cell transplantation in Fanconi anemia and acquired aplastic anemia in children: one center experience**
KUŞKONMAZ B. B. , Bayhan T., AYTAÇ S. A. , ÜNAL S., TAVİL B., GÜMRÜK F., ÇETİN M., Cetinkaya D. U.
41st Annual Meeting of the European-Society-for-Blood-and-Marrow-Transplantation, İstanbul, Turkey, 22 - 25 March 2015, vol.50
- XVII. **Regresyon Modelinde Çoklu Bağlantı Durumunda Aykırı Değer Sorunu**
TOKA O., ÜNLÜ H., ÇETİN M.
15. Uluslararası Ekonometri, Yöneylem Araştırması ve İstatistik Sempozyumu, 22 - 25 May 2014
- XVIII. **Hacettepe Üniversitesi Engelliler Araştırma ve Uygulama Merkezi İskenderun ve Çevresinde Yaşayan İşitme Engelliler Koklear İmplant Kullanıcıları Aileleri Ve Öğretmenlere Yönelik Değerlendirme ve Eğitim Projesi**
ŞAHLI A. S. , BELGİN E., BURCU E., SAĞLAM M. Y. , HAYRAN M., UÇANOK Z., HAZER O., ÇETİN M., SEVİNÇ Ş., ŞAHİN M. İ. , et al.
Uluslar arası Kent ve Engelliler Çalıştayı, Turkey, 18 - 21 April 2014
- XIX. **Haematopoietic stem cell transplantation in eight children with Griscelli syndrome**
KUŞKONMAZ B. B. , Gokce M., Bayhan T., AYTAÇ S. A. , Tezcan I., ÇETİN M., Cetinkaya D. U.
39th Annual Meeting of the European-Group-for-Blood-and-Marrow-Transplantation (EBMT), London, Canada, 7 - 10 April 2013, vol.48
- XX. **Haematopoietic stem cell transplantation with fludarabine-based conditioning regimen in Fanconi's anaemia**
KUŞKONMAZ B. B. , Gokce M., Altan I., AYTAÇ S. A. , GÜMRÜK F., ÇETİN M., Cetinkaya D. U.
38th Annual Meeting of the European-Group-for-Blood-and-Marrow-Transplantation (EBMT), Geneva, Switzerland, 1 - 04 April 2012, vol.47
- XXI. **Serological response to influenza vaccine haematopoietic stem cell transplantation patients**
YALÇIN Ş., Kondolot M., Albayrak N., Altas B., Karacan Y., KUŞKONMAZ B. B. , AKSU S., ÇETİN M., GÖKER H., YURDAKÖK K., et al.
36th Annual Meeting of the European-Group-for-Blood-and-Marrow-Transplantat/9th Meeting of the EBMT Data-Management-Group/26th Meeting of the EBMT Nurses Group/2nd EBMT Qual Management Meeting, Vienna, Austria, 21 - 24 March 2010, vol.45
- XXII. **Comparison of miRNA expression profile during adipocyte induction of mesenchymal stem cells from bone marrows of malignant infantile osteopetrosis patients and bone marrow donors reveals 15 differentially expressed miRNAs**
Gunel-Ozcan A., KILIÇ E., Aerts-Kaya F. S. F. , ÇETİN M., Uckan D.
36th Annual Meeting of the European-Group-for-Blood-and-Marrow-Transplantat/9th Meeting of the EBMT Data-Management-Group/26th Meeting of the EBMT Nurses Group/2nd EBMT Qual Management Meeting, Vienna, Austria, 21 - 24 March 2010, vol.45

Supported Projects

ÇETİN M., Project Supported by Higher Education Institutions, Survey Araştırmalarına İlişkin Gelişmeler, 2016 - 2017

ÇETİN M., TOKA O., Project Supported by Higher Education Institutions, Robust Boosting Algoritması:

GudermannianBoost, 2016 - 2016

ÇETİN M., Project Supported by Higher Education Institutions, Ekonomik veri modellerinde Model Seçimi, 2016 - 2016

ÇETİN M., Project Supported by Higher Education Institutions, Sağlam değişken seçimi, 2015 - 2016

TOKA O., ÇETİN M., Project Supported by Higher Education Institutions, Veri Silme ve Yükleme Yöntemlerinin Kestirimlerinin Ortalama Karesel Hata Bakımından Karşılaştırılması, 2015 - 2015

Citations

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