

Tenth Islamic Countries Conference on Statistical Sciences ICCS-X
The American University in Cairo
December 20-23, 2009
Tentative Program

Time	Sunday December 20, 2009			
9:00am to 9:45am	Opening Session Lisa Anderson, Magued Osman, Shahjahan Khan & Osman M. Osman Room: Basily Auditorium			
9:45am to 10:45am	Keynote Speaker 1: Jef Teugels Room: Basily Auditorium			
10:45am to 11:00am	Coffee Break			
11:00am to 1:00pm	<p>Invited Session 1 Demography & Population Ageing (Campus Center P019)</p> <p>Chair: Hafiz T.A. Khan</p> <p>Speakers: Tengku Aizan Hamid Shereen Hussein Ishmael Kalule-Sabiti Hafiz T.A. Khan Tri Budi W. Rahardjo</p>	<p>Panel Discussion 1 Public Opinion Polling & Good Governance (Campus Center P021)</p> <p>Moderator: Dina El Khawaja</p> <p>Speaker: Magued Osman</p> <p>Discussants: Jennifer Bremer Hafez Al Mirazi</p>	<p>Invited Session 2 Frontiers in Statistics (Campus Center P022)</p> <p>Chair: Qi-Man Shao</p> <p>Speakers: Emad Eldin Ali Ching-Shui Cheng Ronald Geskus Bingyi Jing Azinheira Oliveira Qi-Man Shao John Stufken</p>	
1:00pm to 2:00pm	Lunch (Moataz Al Alfi Hall)			
2:00pm to 3:45pm	<p>Contributed Paper Session 1 Time Series I (Campus Center P019)</p> <p>Chair: Mohamed Ismail</p> <p>1. Estimation for State-Space Models: Quasi-likelihood Approach Raed Alzghool & Yan-Xia Lin</p> <p>2. Tests of Causality Between Two Infinite-Order Autoregressive Series Chafik Bouhaddioui & Jean Dufour</p> <p>3. Multiscale Seasonal Autoregressive for Forecasting Trend and Seasonal Time Series Umu Sa'adah, Subanar, Suryo Guritno & Suhartono</p> <p>4. The Appropriate Weighted as</p>	<p>Contributed Paper Session 2 Demography (Campus Center P021)</p> <p>Chair: Hussein Abdel Aziz</p> <p>1. Determinants of Infant and Child Mortality in Ethiopia 2005: A Hazard Model Analysis A. Sathiya Susuman</p> <p>2. Socio- Economic Characteristics of Household Heads Ghada Mostafa</p> <p>3. Children in Egypt Fatma Sayed Khalil</p> <p>4. Development of Women Status in Education and Work Amal Fouad Mohammed</p>	<p>Contributed Paper Session 3 Economics & Financial Statistics (Campus Center P022)</p> <p>Chair: Tarek Selim</p> <p>1. Good Governance for Trade Facilitation & Information Hussein Omran</p> <p>2. Favorable clientele effect and the valuation multiples of Islamic financial institutions in the United Arab Emirates M.F. Omran</p> <p>3. Strategies for Developing the SMEs business and Entrepreneur opportunities in Pakistan F. M. Shaikh & M. Saleem Rahpoto</p> <p>4. Calculation of Ruin Probability in Risk Process Using De</p>	<p>Contributed Paper Session 4 Statistical Inference I (Mary Cross Hall)</p> <p>Chair: Mahmoud Riyad</p> <p>1. Generalized Multi-Phase Ratio Estimators Using Multi-Auxiliary Variables Zahoor Ahmad, Muhammad Hanif & Munir Ahmad</p> <p>2. A Family of Estimators for Single and Two-Phase Sampling Using Two Auxiliary Attributes Muhammad Hanif, Inam ul Haq & Munir Ahmad</p> <p>3. Generalization of Estimators for Full Partial and No Information Using Multi-Auxiliary Attributes Muhammad Hanif, Inam ul Haq & Muhammad Qaiser Shahbaz</p>

	<p>the Forecasting Rule for AR(1) Process Based on Fuzzy Time Series Muhammad Hisyam Lee, Riswan Efendi & Zuhaimy Ismail</p> <p>5. Development of Calendar Variation Model Based on Time Series Regression and Arimax for Forecasting Time Series Data with Islamic Calendar Effect A. J. Endharta, N. A. Hamzah & Suhartono</p> <p>6. Hurst Exponent and The Range Models of the Partial Sums of the Random Variables Rajab S. Khleefa & Yasmina . B. EL-Figh</p>	<p>5. Determining Years of Life Lost (YLL) of Leading Death Causes Responsible for Reduction in Life Expectancy (Boushehr -Iran) Abdollah Hajivandi</p> <p>6. Trends and Prospects of Contraceptive Use on Fertility Decline Among The Muslim Women in Nigeria Osuafor, G.N. & Stiegler, N.</p> <p>7. Elderly Care in Bangladesh: Challenges in the New Millennium M. Kabir</p> <p>8. On The Number of Families of Branching Processes with Immigration with Family Sizes within Random Interval Husna Hasan</p>	<p>Vylder's Method Hasih Pratiwi, Subanar, Danardono & J.A.M. van der Weide</p> <p>5. A Strategic Framework for Gaining Economic Leadership in The New Economy: In the Perspective of OIC Member States Suleman Aziz Lodhi, Abdul Majid Makki & Munir Ahmed</p> <p>6. Estimating the Effect of the 1997 Economic Crisis on the Demand on House Characteristics in Rural Areas Indonesia Yusep Suparman</p> <p>7. Human Capabilities and Income Security a New Methodological Approach Hussein Abdel-Aziz Sayed, Ali Abdallah & Zeinab Khadr</p> <p>8. Impact of Global Economic Crisis on Tourism Sector in Egypt: A System Dynamics Approach Ahmed Badr, Enas Zakareya & Mohamed Saleh</p>	<p>4. Regression based estimates for the Box-Cox power transformation Osama Abdelaziz Hussien & Remah El-Sawee</p> <p>5. A New Threshold Value in Curve Estimation by Wavelet Shrinkage Ismail B & Anjum Khan</p> <p>6. Optimal Design for three-level Nested (two nests) Multinomial Logit Model in Discrete Choice Experiments Habib Jafari</p> <p>7. General Case of Multiple Hypotheses Testing for Many Independent Objects Leader Navaei</p> <p>8. On Identification of Distribution of Three Independent Markov Chains Subject to the Reliability Criterion Leader Navaei</p>
3:45pm to 4:00pm	Coffee Break			
4:00pm to 5:45pm	<p style="text-align: center;">Contributed Paper Session 5 Regression Analysis & Econometrics I (Campus Center P019)</p> <p style="text-align: center;">Chair: Amany Moussa</p> <p>1. Univariate Multiple Regression Model Selection – An Information Criterion Procedure Zakaria Y. AL-Jammal</p> <p>2. Longitudinal Data Analysis Using Nonparametric Regression Model Noor Akma Ibrahim & Suliadi</p> <p>3. Analysis of Repeated Measurements Experiment with Multicollinearity Problem M. Mazibar Rahman & Md. Nasirul Islam</p> <p>4. Econometrics Models for Copper Recovery: A Case Study of North Waziristan-Copper Deposits Sardar Ali, M. Mansoor Khan, Muhammad Azam Khan & M. Tufail</p> <p>5. Geoinformatics Studies on Poverty and Food Scarcity in Indonesia Dian Kusumaningrum, Asep</p>	<p style="text-align: center;">Contributed Paper Session 6 Biostatistics (Campus Center P021)</p> <p style="text-align: center;">Chair: Nick Fieller</p> <p>1. An evaluation of contemporary hidden Markov model genefinders with a predicted exon taxonomy Naila Rozi & Nasir Uddin Khan</p> <p>2. Contiguous Diseases Outbreak in Indonesia: The Applications of Spatial Scan Statistics Method Yekti Widyarningsih, Asep Saefuddin</p> <p>3. Extraction of Hidden Markov Model Representations in DNA Sequence Naila Rozi</p> <p>4. Multiple Imputations of Bio-Datasets Lu Zou</p> <p>5. Estimating transition intensity matrices to document disease progression in multi-state Markov models Mohammad Ashraf Chaudhary & Elamin H. Elbasha</p>	<p style="text-align: center;">Contributed Paper Session 7 Bayesian Inference (Campus Center P022)</p> <p style="text-align: center;">Chair: Abdalla Ghaly</p> <p>1. Bayesian Analysis of The Thurstone-Mosteller Model for Paired Comparisons Using Reference Prior Muhammad Aslam, Dildar Hussain & M. Ishaq Bhatti</p> <p>2. Minimax Estimation of the Parameter of the Generalized Exponential Distribution Hassane Pazira and Parvize Nasiri</p> <p>3. Bayesian Analysis of the van Barren Model for Paired Comparison Saima Altaf, Muhammad Aslam & Muhammad Aslam</p> <p>4. Bayesian Estimation of Exponentiated Weibull Shape Parameter under Linear and Zero-one Loss Functions Amina I. Abo-Hussien, Abeer A. El-helbawy & Eman A. Abd El-Aziz</p> <p>5. On Eliciting Expert Opinion in Generalized Linear Models</p>	<p style="text-align: center;">Contributed Paper Session 8 Statistical Inference II (Mary Cross Hall)</p> <p style="text-align: center;">Chair: Mohamed Mahmoud</p> <p>1. On Tests of Fit Based on Grouped Data Sherzod M. Mirakhmedov</p> <p>2. On a Generalized Differential Equation for Generating Scui Distributions Saleha Naghmi Habibullah, Ahmed Zogo Memon & Munir Ahmad</p> <p>3. Statistical Inference on the Type-II Extreme Value Distribution based on the Kernel Approach M. Maswadah</p> <p>4. Calculating Value at Risks of Delta-Gamma Methods via Gamma-Polynomial Density Approximation Technique Hyung-Tae Ha</p> <p>5. Burr Type XII Distribution: Different Method of Estimations Haniyeh Panahi & Saeed Asadi</p> <p>6. Generalized Order Statistics from Some Distributions</p>

Saeufuddin & M. Nur Aidi		Fadlalla G. Elfadaly & Paul H. Garthwaite	Khalaf S. Sultan & T. S. Al-Malki
6. Testing Hypotheses in Nonparametric Regression Model Based on Fourier Coefficients Zaher Mohdeb			

Time	Monday December 21, 2009			
9:00am to 10:00am	Keynote Speaker 2: Edward J. Wegman Room: Mary Cross Hall			
10:00am to 10:15am	Coffee Break			
10:15am to 12:15pm	<p>Invited Session 3 A symposium on medical meta-analysis (Campus Center P019)</p> <p>Chair: Muhammed Ashraf Memon</p> <p>Speakers: Pulak Ghosh Shahjahan Khan K. Krishnamoorthy Thomas Mathew Emma Osland Manjunath Subramanya</p>	<p>Panel Discussion 2 Measuring the Unmeasurable (Campus Center P021)</p> <p>Moderator: Mostafa Kamel El Sayed</p> <p>Speaker: Anis Yusoff</p> <p>Discussants: Sahar El Tawila Nadia Makary Ghada Moussa Andrew Stone</p>	<p>Invited Session 4 Small Area Estimation (Campus Center P022)</p> <p>Chair: Malay Ghosh</p> <p>Speakers: Sanjay Chaudhuri Malay Ghosh Partha Lahiri Danny Pfeffermann</p>	
12:15pm to 1:15pm	Lunch (Moataz Al Alfi Hall)			
1:15pm to 3:00pm	<p>Contributed Paper Session 9 Modeling I (Campus Center P019)</p> <p>Chair: Alaa El Shazly</p> <p>1. Diagnostics in Generalized Linear Models Sibnarayan Guria & Sugata Sen Roy</p> <p>2. Analyzing Insurance Activities: Frontier Roles of Statistics Matiur Rahman & Tanzina Chowdhury</p> <p>3. How Sensitive Overall Goodness-of-Fit Indices to Model Misspecification in Structural Equation Modeling? Hesham F. Gadelrab</p> <p>4. On a Class of Statistical Models and Their Application in Tourism Inflow Data of Jammu</p>	<p>Contributed Paper Session 10 Sampling & Experimental Design (Campus Center P021)</p> <p>Chair: Heba El Leithy</p> <p>1. Analytic Inference of Complex Survey Data under Informative Probability Sampling Abdulhakeem Abdulhay Eideh</p> <p>2. New Estimators for the Population Median in Simple Random Sampling Sibel Al & Hulya Cingi</p> <p>3. Bootstrap and Jackknife Methods in Multiple Linear Regression Zohreh Ghayourmoradi, Hassan Sadeghi, Anis Iranmanesh</p> <p>4. Weighted Searching Probability for Classes of</p>	<p>Contributed Paper Session 11 Regression Analysis & Econometrics II (Campus Center P022)</p> <p>Chair: Ghazal Amer</p> <p>1. Reemphasizing the Role of Agrultural Sector in Malaysia: Analysis Using Input-Output Approach Mohd Sahar Sauian & Raja Halipah Raja Ahmad</p> <p>2. A Procedure for Robust Fitting in Nonlinear Regression Dost Muhammad Khan & Douglas M Hawkins</p> <p>3. Modeling the Impact of Lapindo Mud Flood Disaster and New Fuel Tariff to Vehicle Volume in Toll Road Using Multi-input Intervention Model Muhammad Hisyam Lee & Suhartono</p>	<p>Contributed Paper Session 12 Statistical Inference III (Mary Cross Hall)</p> <p>Chair: Shahjahan Khan</p> <p>1. Looking at Outliers Nick Fieller</p> <p>2. Moments of Order Statistics of a Generalized Beta and Arcsine Distributions with Some Special Cases Kamal Samy Selim & Wafik Youssef Younan</p> <p>3. Exact Distribution of a Linear Combination of a Variable and Order Statistics from the Other Variables of a Multivariate Elliptical Random Vector As a Mixture of Unified Skew-Elliptical Distributions Ahad Jamalizadeh & Hamed Mahmoodian</p>

	<p>and Kashmir Bilal Ahmad Bhat</p> <p>5. Multi Input Intervention Analysis: The Case of the Indonesia's Consumer Price Index Suhartono & P.W. Novianti</p>	<p>Equivalent Search Designs Comparison Hooshang Talebi and Nabaz Esmailzadeh</p> <p>5. Construction of Designs Balanced for Neighbor Effects Munir Akhtar, Rashid Ahmed & Furrugh Shehzad</p> <p>6. A profile-based Design Criterion for Precise Estimation in Regression Models, Hana Sulieman & P. J. Mclellan</p> <p>7. The Relationship Between Education and Occupation Using Fully and Partially Latent Models Faisal G. Khamis, Muna F. Hanoon & Abdualhafeth Balarabi</p>	<p>4. On Minimaxy of Block Thresholded Wavelets Under Elliptical Symmetry A. Iranmanesh, H. Doosti, M. Arashi & S.M.M. Tabatabaey</p> <p>5. Adaptive Wild Bootstrap Estimator for Heteroscedasticity of Unknown Form Muhammad Aslam, Munir Ahamad & G. R. Pasha</p>	<p>4. A New Horizon to Segmented Regression Atif Akbar and Aamna Khan</p> <p>5. Analysis of Hybrid Censored Data from the Log-Normal Distribution A. Habibi Rad & F. Yousefzadeh</p> <p>6. A generalized skew two-piece skew-elliptical distribution Mahdi Salehi and Ahad Jamalizadeh</p> <p>7. Shrinkage Estimation for Cumulative Logit Models Faisal Maqbool Zahid & Christian Heumann</p>
3:00pm to 3:15pm	Coffee Break			
3:15pm to 5:00pm	<p>Contributed Paper Session 13 Time Series II (Campus Center P019)</p> <p>Chair: Zuhaimy Ismail</p> <p>1. A Sieve Bootstrap Approach to Constructing Prediction Intervals for Long Memory Time Series Amjad Ali & Salahuddin</p> <p>2. A Study of Structure Breaks in Amman Stocks Market by Using Wavelet Transform S. Al Wadi, Mohd Tahir Ismail & Samsul Ariffin Abdul Karim</p> <p>3. On the Necessary Conditions for Ergodicity of Smooth Threshold Autoregressive (1) Processes with General Delay Parameter D. Nur & G. M. Nair</p> <p>4. Bootstrap Technique for Examining the Properties of the Maximum Likelihood Estimator of the Spatial Unilateral Autoregressive Model Norhashidah Awang & Latifah Rahayu</p> <p>5. Bayesian Inference for Seasonal ARMA Models a Gibbs Sampling Approach Mohamed A Ismail & Ayman A Amin</p> <p>6. Modeling the Impact of Us Stock Market on Asian Countries Stock Markets Mohd Tahir Ismail</p>	<p>Contributed Paper Session 14 Operation Research (Campus Center P021)</p> <p>Chair: Nadia Makary</p> <p>1. The Optimal Economic Design of \bar{X} Chart Ali M. Deeb</p> <p>2. Identifying Aberrant Variable from an Out-of-Control Signal Siti Rahayu Mohd. Hashim</p> <p>3. Non-linear Goal Programming Approach to Clusterwise Logistic Regression Model Ramadan Hamed, Ali El Hefnawy & Mohamed Ramadan</p> <p>4. On Application of Frontier Software to DEA R.Poursaberi</p> <p>5. Geometric Programming Approach to Optimum Allocation in Multivariate Two-Stage Sampling Design S . Maqbool & A. H. Mir</p> <p>6. Three Steps Strategy to Search for Optimum Classification Trees Muhammad Azam, Qamruz Zaman & Karl Peter Pfeiffer</p> <p>7. A Comparison of the Performances of Various Single Variable Charts Abdu. M. A. Atta, Michael B. C. Khoo & S. K. Lim</p>	<p>Contributed Paper Session 15 Modeling II (Campus Center P022)</p> <p>Chair: Magdi Mostafa</p> <p>1. Dealing with Rounded Zeros in Compositional Data under Dirichlet Models Rafiq H. Hijazi</p> <p>2. Comparative Study of Estimation of Dynamic Panel Data Models with Cross-Sectional Heteroscedasticity Muhammad Abdullah & G. R. Pasha</p> <p>3. The Fitting of Binned and Conditional Incomplete Mixture Data Yousef M. Emhemmed & Wisame H. Elbouiishi</p> <p>4. Handling Over-dispersion in the Analysis of Contingency Tables with Application to Unemployment Rates in the United Arab Emirates Ibrahim M. Abdalla Al-Faki</p> <p>5. Study of Money Supply and Its Modelling in Pakistan Sara Azher & Zahid Mahmood</p> <p>6. Modeling of Groundwater by Using Finite Difference Methods And Simulation Adam Baharum, Hessah Faihan AlQahtani, Zalila Ali, Habibah Lateh & Koay Swee Peng</p>	<p>Contributed Paper Session 16 Statistical Inference IV (Mary Cross Hall)</p> <p>Chair: Zeinab Selim</p> <p>1. A New Generalization of Polya-Eggenberger Distribution and Its Applications Anwar Hassan & Sheikh Bilal Ahmad</p> <p>2. Statistical Inference in Generalized Partial Linear Models Magda Mohamed M. Haggag</p> <p>3. Interval Estimation for Variance Components of Response Error Model And Some of The Survey Parameters Roshanak Alimohammadi</p> <p>4. A Study on the Performances of Mewma and Mcusum Charts for Skewed Distributions Michael B. C. Khoo, Abdu. M. A. Atta & H. N. Phua</p> <p>5. Testing for Aggregation Bias May Gadallah</p> <p>6. Chi-square Test for Goodness of Fit for Logistic Distribution Using Ranked Set Sampling and Simple Random Sampling K. Ibrahim, M. T. Alodat, A. A. Jemain & S. A. Al-Subh</p> <p>7. Efficient Estimation of pdf, CDF and rth moment for the Exponentiated Pareto Distribution in the Presence of Outliers M. Jabbari Nooghabi & H. Jabbari</p>

	7. Testing Goodness-of-Fit in Autoregressive Fractionally Integrated Moving-Average Models with Conditional Heteroscedasticity Alamgir & Amjad Ali			Nooghabi
	8. Fuzzy Logic Modeling for Forecasting Short Term Malaysian Electricity Load Demand Zuhaimy Ismail, Rosnalini Mansor & Noramalina Adiris			
5:00pm to 6:00pm	ISOSS General Meeting Chair: Shahjahan Khan (Mary Cross Hall)			

Time	Tuesday December 22, 2009		
9:00am to 10:00am	Keynote Speaker 3: Jim Berger (Mary Cross Hall)		
10:00am to 10:15am	Coffee Break		
10:15am to 12:15pm	<p style="text-align: center;">Invited Session 5 Statistical Inference (Campus Center P019)</p> <p style="text-align: center;">Chair: Zahirul Hoque</p> <p style="text-align: center;">Speakers: Anil Kumar Bera Atanu Biswas Samarjit Das Zahirul Hoque Shahjahan Khan Pinakpani Pal</p>	<p style="text-align: center;">Invited Session 6 Biostatistics (Campus Center P021)</p> <p style="text-align: center;">Chair: Nick Fieller</p> <p style="text-align: center;">Speakers: Nor Afzalina Azmee Ronald Geskus Asep Saefuddin Nezhat Shakeri</p>	<p style="text-align: center;">Invited Session 7 Astrostatistics (Campus Center P022)</p> <p style="text-align: center;">Chair: Asis Kumar Chattopadhyay</p> <p style="text-align: center;">Speakers: Asis K. Chattopadhyay Tanuka Chattopadhyay Didier Fraix-Burnet Dean McLaughlin Margarita Sharina</p>
12:15pm to 12:30	Group Photo		
12:30pm to 6:00pm	Lunch on the Bus Sight Seeing Tour A visit to the Giza Pyramids, a two hour visit to the plateau, the Sphinx temple and the Solar Boat Museum. For the rest of the afternoon a walk on Muizz Street to visit a few Islamic monuments followed by a walk around Khan El Khalili.		
8:00pm to 10:00pm	Gala Dinner Nile Crystal Dinner Cruise Boat Kornish El Nile, Maadi		

Time	Wednesday December 23, 2009			
9:00am to 10:00am	Keynote Speaker 4: Kaye E. Basford Room: Mary Cross Hall)			
10:00am to 10:15am	Coffee Break			
10:15am to 12:15pm	<p>Invited Session 8 Directional Statistics (Campus Center P019)</p> <p>Chair: A. Ghapor Hussein</p> <p>Speakers: A. Ghapor Hussein Rao Jammalamadaka Ibrahim Mohammed Yong Zulina Zubairi</p>	<p>Panel Discussion 3 Indicators & Politics (Campus Center P021)</p> <p>Moderator: Lisa Anderson</p> <p>Speaker: Ali Hadi</p> <p>Discussants: Lisa Anderson Stephen Everhart Nabil Fahmy</p>	<p>Invited Session 9 Statistics Education (Campus Center P022)</p> <p>Chair: Shahjahan Khan</p> <p>Speakers: Suleman Lodhi Mohamed Ismail Shahjahan Khan Omar Rouan</p>	
12:15pm to 1:15pm	Lunch			
1:15pm to 3:00pm	<p>Contributed Paper Session 17 Probability & Distribution Theory (Campus Center P019)</p> <p>Chair: Mohamed Gharib</p> <p>1. On Conway Maxwell Hypergeometric (Cmh) Power Series Probability Function Munir Ahmad</p> <p>2. Duration Distribution of Conjunction of Two Gaussian Processes: Tangent Line and Quadratic Methods M. T. Alodat, M. Y. Al-Rawwash & M. A. AL-Jebrini</p> <p>3. Agricultural Drought Analysis of Chapai Nawabganj District in Bangladesh: Application of a Markov Chain Model M. A. B. Barkotulla, M. Sayedur Rahman, M. K. Ali & M. H. Rahman</p> <p>4. On Almost Sure Convergence for Weighted Sum of Pairwise Negatively Quadrant Dependent Random Variables H. Jabbari Nooghabi</p>	<p>Contributed Paper Session 18 Social & Psychological Statistics (Campus Center P021)</p> <p>Chair: Maged George</p> <p>1. Childhood Malnutrition in Egypt using Geoaddditive Gaussian and Latent Variable Models Khaled Khatab</p> <p>2. People's Perception About Bangladesh Law and Order Situation: Clustering-Based Discriminant Analysis Matiur Rahman & Tanzina Chowdhury</p> <p>3. Measurement of schooling development. Mamadou-Youry Sall</p> <p>4. Child labor in Egypt, 2006 Eman Saleh</p> <p>5. Employees Intentions Regarding Turnover in Banking Sector of Pakistan M. Rashid Salaria & Muhammad Zubair Tariq</p>	<p>Contributed Paper Session 19 Reliability (Campus Center P022)</p> <p>Chair: Sanaa Ismail</p> <p>1. Increasing Reliability of Coherent Systems by Rearranging The Components with Independently Distributed Lives Debasis Bhattacharya & Soma Roychowdhury</p> <p>2. On Comparison of Performance of Coherent Systems of Different Order Soma Roychowdhury & Debasis Bhattacharya</p> <p>3. Repairable system model with time dependent covariate. Jayanthi Arasan, Samira Ehsani & Kaveh Kiani</p> <p>4. Fitting the Exponentiated Weibull Distribution to FailureTime Data Zeinab Amin & Ali S. Hadi</p> <p>5. SAS programs for some novel model discrimination and calibration measures for</p>	<p>Contributed Paper Session 20 Data Mining & Artificial Intelligence (Mary Cross Hall)</p> <p>Chair: Mark Werner</p> <p>1. Mobility Management and Quality of Service in Next Generation Mobile Networks Nadia Qasim & Muhammad Qasim Rind</p> <p>2. Preserving Semantic Content in Text Mining Using Multigrams, Yasmin H. Said</p> <p>3. Data Mining in Network without Higher Order Connections Saratha Sathasivam</p> <p>4. Customer Segmentation and Churn Analysis in the Mobile Telecommunications Industry Nur Andi Setiabudi & Asep Saefuddin</p> <p>5. Comparison between Logistic Regression and Feed-Forward Neural Network for Intrusion Classification P.W. Novianti & Suhartono</p>

<p>5. Exact Computation of the Moments and Product Moments of Order Statistics for Any Continuous Distribution. A New Algorithm. Osama Abdelaziz Hussien</p> <p>6. Bayesian Multiple Change-point Estimation using SAMC Jaehee Kim & Sooyoung Cheon</p> <p>7. Recurrence Relations for Distributions of Multivariate T and Unified Multivariate Skew-T Distributions with Applications to Order From Multivariate T Distribution Yaser Mehrali and Ahad Jamalizadeh</p> <p>8. Characterization of the Continuous Probability Distributions Conditioned on a Pair of Generalized Order Statistics A. H. Khan</p>		<p>nonproportional hazards Weibull model Mannan H and Stevenson C</p> <p>6. Inference on Three-parameter Gamma Distribution Based on Progressively Censored Data Indrani Basak & N. Balakrishnan</p> <p>7. Estimation for the Three-Parameter Inverse Gaussian Distribution Under Progressive Type-II Censoring Prasanta Basak & N. Balakrishnan</p>	<p>6. Forecasting Tourism Demand of Turkey by Using Artificial Neural Networks Cagdas Hakan Aladag & Erol Egrioglu</p>
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