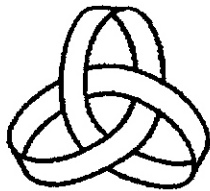


A Two-Day Statistics Conference

Conference hosted by:

Department of Mathematical Sciences
Ball State University

Office of the Dean
College of Sciences & Humanities
Ball State University



In Honor of

George and Frances Ball
Distinguished Professor of Statistics

Mir Masoom Ali

On the Occasion of His Retirement



BALL STATE
UNIVERSITY.

Alumni Center

Ball State University
Muncie, Indiana

May 18-19, 2007

MIR MASOOM ALI

Mir Masoom Ali, George and Frances Ball Distinguished Professor of Statistics and Professor of Mathematical Sciences, joined the Department of Mathematical Sciences at Ball State University in Muncie, Indiana in 1969 after completing his doctoral work at the University of Toronto. He had obtained his B.Sc (Honours) degree in 1956 and M.Sc. degree in 1957, both in Statistics, from the University of Dhaka. He came to the University of Toronto, Canada on leave of absence from the Government of Pakistan in 1966 for graduate studies and obtained a second Master's degree in 1967 and Ph.D. degree in 1969, both in Mathematical Statistics. Prior to coming to the United States in 1969, he worked for a brief period in 1957 for the Socio-Economic Survey Board of the University of Dhaka and then served in various statistical positions with the Government of Pakistan.

Professor Ali has been the director of the graduate program in statistics at Ball State University since 1971, the year in which he founded the program. In recognition of Dr. Ali's excellence in teaching, research and professional service, he received the 1992-93 Outstanding Faculty Award and the 1985 Outstanding Researcher Award from Ball State University. In 1990, the Bangladesh Statistical Association awarded him the first Qazi Motahar Husain Gold Medal for his outstanding contributions in the field of statistics. He was also awarded the Meritorious Service Awards in 1987, 1997, and 2002 by the Midwest Biopharmaceutical Statistics Workshop, which is co-sponsored by the American Statistical Association, for his role as a co-founder, program co-chair, and local arrangements chair.

The thrust of Professor Ali's research has been in the areas of finite sampling, statistical inference, and order statistics. He has extensively published in leading statistical journals. Dr. Ali is an elected Fellow of the American Statistical Association, the Royal Statistical Society, the Institute of Statisticians, and the Bangladesh Academy of Sciences. He is also an elected member of the International Statistical Institute. He is the founding president of the North America Bangladesh Statistical Association.

Professor Ali has served or is serving as an editor/associate editor of several international statistical journals published in Bangladesh, India, Pakistan, and South Korea. He had served on several committees of the American Statistical Association including two terms as President of the Central Indiana Chapter. He also held visiting appointments at a number of universities and statistical institutes in Canada, United States, Bangladesh, India, Korea, and Japan. The Journal of Statistical Studies and the Pakistan Journal of Statistics published Special Volumes in Professor Ali's honor in 2002 and 2004, respectively. Currently, the International Journal of Statistical Sciences is in the process of publishing a Special Volume in Dr. Ali's honor on the occasion of his 70th birthday. On October 24, 2002, former Indiana Governor Frank O'Bannon named Dr. Ali a Sagamore of the Wabash, the State of Indiana's highest award, in recognition of Dr. Ali's tremendous contributions to Ball State University, to the statistics profession and, especially to higher education in the State of Indiana for over three decades. In 2005, Professor Ali was awarded the "Our Pride Award" by the Bangladeshi-American Foundation, Inc. in Washington, DC, for his distinguished achievements in the field of statistics. Later that same year he was awarded a Gold Medal by the Islamic Society of Statistical Sciences (ISOSS) for his outstanding contributions in the field of statistics and ISOSS affairs.



Conference Program

Friday, May 18, 2007

Conference Room #1 – Chair: Dale Umbach

1:00-1:10	INTRODUCTION and WELCOME	Dale Umbach
1:10-1:50	Two Nonlinear Models For Time Series	David A. Dickey and Sangil Hwang
1:50-2:10	Estimating A Population Median With A Small Sample	Boris Shulkin and Shlomo Sawilowsky
2:10-2:30	A Note On The Modified Box-Cox Transformation	Mezbahur Rahman and Larry M. Pearson
2:30-2:50	Fuzzy Set Representation of a Prior Distribution	Glen Meeden
2:50-3:10	On A- and D-rotatability of two-dimensional Third Order Designs	S. Huda, L. Benkherouf, and F. Alqallaf
3:10-3:30	Difference Based Variance Estimators for Partially Linear Models	Karon Klipple and R. L. Eubank
3:30-4:00	BREAK FOLLOWED BY PARALLEL SESSIONS	

Directions from Alumni Center to E.B. Ball Mixer

To get from the Alumni Center to the E. B. Ball Center, exit the Center with a left turn onto Bethel Avenue heading east. Turn right onto McKinley Avenue at the second light. This will be well marked as an entrance to the university. Turn left at the first traffic light onto Neely Ave. After going through two stop sign intersections and a traffic signal at Wheeling Avenue you will be on Minnetrista Boulevard. The E. B. Ball Center is the grand stone building on your right which is just before you come to a street which goes off to the right.

Session A - Conference Room #1 – Chair: Dale Umbach

4:00-4:20	Prior Statistics Coursework And Student Expectations Of A Graduate Statistics Class	Holmes Finch and Molly M. Jameson
4:20-4:40	On tail probabilities of the t-distribution for samples from the Uniform Distribution	R. Ayesha Ali and M. M. Ali
4:40-5:00	Price Dispersion And Border Effect A Survey Paper	Julius Horvath and Balint Herczeg
5:00-5:20	Sampling Plans Excluding Certain Neighboring Units	Kyoungah See and A. John Bailer
5:20-5:40	LM-Stationary Processes To Analyze Time Series Data With Linearly Compressing Periodic Behavior	Md. Jobayer Hossain, Wayne A. Woodward, and Henry L. Gray

Session B - Conference Room #2 – Chair: Munni Begum

4:00-4:20	Empirical Likelihood as a Parametric Likelihood	MiOk Kim
4:20-4:40	Thoughts on Actuarial Science, Demography, Probability, Statistical, and Stochastic Processes	John A. Beekman
4:40-5:00	The Impact of Different Math Prerequisites on the Performance of Business Statistics Students	Jeffrey J. Green, Courtenay C. Stone, Abera Zegeye, and Thomas A. Charles
5:00-5:20	On The Asymptotic Variance Of The Estimator Of Attributable Risk And Testing Association In A Contingency Table	Tanweer J Shapla
5:20-5:40	Dimension Augmenting Vector Machine: A new General Classifier System for Large p Small n problem	Dipak Dey and Samiran Ghosh

7:00-9:00 **Mixer - E. B. Ball Center**

Saturday, May 19, 2007
Conference Room #1 – Chair: Dale Umbach

9:00-9:45	Sensitivity Analysis in Estimation Problems	Ali S. Hadi
9:45-10:05	An Alternative Method for Selecting the Number of Components for Smooth Lack of Fit Tests	P. P. B. Eggermont and V. N. LaRiccia
10:05-10:25	A Stochastic Representation of Matrix Skew Normal Models	John Chen
10:25-10:45	Weibull-Based Approaches To Survival Analysis: An Application To A Breast Cancer Data Set	Abdus S. Wahed, The Minh, and Jong-Hyeon Jeong
10:45-11:05	Break	
11:05-11:25	Permutation Test for Stimulus-Induced Differences in the Spatio-Spectral Profile of Brain Signals	Zhewen Fan and Hernando Ombao
11:25-11:45	Inference On Limiting Availability Of A One-Unit Repairable System	Fang Li and Jyotirmoy Sarkar
11:45-12:05	A Comparison Of Graphical Methods For Assessing The Proportional Hazards Assumption In The Cox Model	Inger Persson and Harry Khamis
12:05-12:25	Training Environmental Statisticians - Tomorrows Problem Solvers	William F. Hunt, Jr., Kimberly Weems, William Swallow, Andrew Moore, Nagambal Shah, and Monica Stephens
12:25-1:30	Lunch	

Saturday, May 19, 2007
Conference Room #1 – Chair: Dale Umbach

1:30-2:10	Flexible Univariate And Multivariate Models Based On Hidden Truncation	Barry C. Arnold
2:10-2:40	Using Control Information To Design Type I Censored Treatment Versus Control Clinical Trials	P. L. Graham, S. N. MacEachern, and D. A. Wolfe
2:40-3:00	Middle Censoring for Circular Data	S. Rao Jammalamadaka and Vasudevan Mangalam
3:00-3:20	Using the Partitioning Principle to Control the Generalized Familywise Error Rate	Haiyan Xu and Jason Hsu
3:20-3:40	Conditional U-statistics with Applications in Discriminant Analysis, ARMA Processes and Hidden Markov Models	Madan Puri
3:40-4:00	Break	
4:00-4:20	Bootstrap Bias Reduction and Estimator Decomposition	Kristofer Jennings
4:20-4:40	Highly Efficient Nonlinear Regression Based on the Wilcoxon Norm	Asheber Abebe and Joseph W. McKean
4:40-5:00	Detection of Outliers in Non-linear Time Series: A Review	Murugason Kallianna Gounder, Mahendran Shitan, and A.H.M. Rahmatullah Imon
5:00-5:20	Joint Distribution of Some Random Variables in Crossing of Two-Stage Erland Processes	Mir Ghulam Hyder Talpur and Iffat Zameer
6:30-9:00	Banquet - Alumni Center Banquet Hall	
		MC: Ralph Bremigan

Retirement Banquet

In Honor of

**George and Frances Ball
Distinguished Professor of Statistics**

Mir Masoom Ali

**Saturday
May 19, 2007
6:30 P.M.**

**Alumni Center
Ball State University
2800 West Bethel Avenue
Muncie, Indiana**



Program

Master of Ceremonies

Ralph J. Bremigan

Welcome

Dale Umbach

Dinner

Personal Remarks

Longtime Friend

Charles B. Sampson

Madan Puri

Former Department Chair

Donald R. Whitaker

Former Student

Janna Scott

Adam Wright



Program

Remarks from Administrators

Dean, College of Sciences and Humanities

Michael A. Maggiotto

Chairman, Department of Mathematical Sciences

John W. Emert

Felicitations from the North America

Bangladesh Statistical Association

Ashraf Ahmed

A Short Presentation

Department of Mathematical Sciences

Presentation of Festschrift

Dale Umbach

John W. Emert

Ralph J. Bremigan

Closing Remarks

Mir Masoom Ali
