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On the 55th Birthday of Professor B. M. Golam Kibria

Kuang-Chao Chang
Fu Jen Catholic University

1. Introduction

Professor B. M. Golam Kibria recently celebrated his 55th birthday on February 1, 2018. As a good friend of Professor Kibria, I wish to celebrate his birthday by publishing this article in the *Journal of Probability and Statistical Science* (***JPSS***), where he has been dedicated himself for many years. I also take this opportunity to express my thankfulness to Professor Kibria for all of his outstanding work as an *Associate Editor*, *Coordinating Editor* and finally *Editor-in-Chief* of ***JPSS***.

Professor B. M. Golam Kibria on his 55th birthday

☐ Kuang-Chao Chang is a retired Professor in the Department of Statistics and Information Science at Fu Jen Catholic University, Hsinchuang, New Taipei City, Taiwan 242; ROC; email: stat1016@mail.fju.edu.tw. Professor Chang has been the founding/managing editor of the *Journal of Probability and Statistical Science* since Feb. 1, 2003.

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Professor Kibria is presently a tenured faculty member in the Department of Mathematics and Statistics at the Florida International University (FIU), Miami, FL 33199, USA. Besides serving for ***JPSS***, Professor Kibria has been serving as an associate editor and editorial member of many international statistical, mathematical and biostatistical journals. Detailed academic background of Professor Kibria and his contributions to statistics will be given in Sections 2 and 3 respectively. Awards, Honors and recognition will be given in Section 4. A list of his publications is given in Section 5. Finally, some concluding remarks are given in Section 6.

2. Academic Background

Professor B. M. Golam Kibria was born on February 1, 1963 in the District of Faridpur, Bangladesh. He was the youngest child in the family and had a pleasant and wonderful personality. After the completion of his S.S.C and H.S.C. degrees from Faridpur, he was admitted to the Jahangirnagar University, Dhaka, Bangladesh in 1981. He has completed his B. Sc Honors and M. Sc. in Statistics with distinctions from the Jahangirnagar University in 1986 and 1988 respectively. As an extraordinary student, he has received several awards/ scholarships: (a) *1986 Chancellor Award*, awarded by the President, People's republic of Bangladesh, (b) *1986 Government Talent Pool Scholarship*, for scoring the highest marks in honors level among the students of Jahangirnagar University, (c) *1986 Asadul Kabir Scholar- ship and Gold Medal*, for scoring the highest marks in honors and subsidiary levels among the students of Jahangirnagar University, Dhaka, Bangladesh. Professor Kibria was awarded the *Canadian Commonwealth Scholarship* at Carleton University, Ontario, Canada, where he earned his M. Sc. in Mathematical Statistics in 1993. He was also awarded the *Canadian Commonwealth Scholarship* at the University of Western Ontario, Ontario, Canada where he has earned his Ph. D. in Statistics. Prior to joining at Florida International University (FIU) in August 2000, he was working as an Assistant Professor in the Department of Statistics, University of British Columbia (UBC), Canada in 1998-2000, and in the Department of Statistical and Actuarial Science at the University of Western Ontario (UWO), Ontario, Canada in 1997. He had also worked as a lecturer in the Department of Statistics at Jahangirnagar University, Dhaka, Bangladesh in 1988-1991. He has taught a variety number of undergraduate and graduate level courses in different universities. Professor Kibria single or jointly supervised 2 Ph.D. and 19 masters students at Florida International University. He has been involved with the committees of 17 master's thesis and 16 Ph. D. dissertation at FIU. He also has served as an external examiners of 13 Ph. D. and M. Phil theses at different universities in the world.

3. Research Contributions to Statistics

Professor Kibria has made significant contributions in various fields of statistics. He is well known in the world for his research on "*ridge regression*". Since 1993, he has about 160

research papers that are published in peer reviewed journals such as *Journal of the American Statistical Association*, *Journal of Multivariate Analysis*, *IEEE Transactions on Reliability*, *Stochastic Environmental Research & Risk Assessment*, *Communications in Statistics-Theory and Methods*, *Journal of Statistical Computation and Simulation*, *Metrika*, *Journal of Statistical Planning and Inference*, and *Statistical Papers among others*. His researches have a wide application in the fields of environmental, health science, physical sciences and transportation engineering. Professor Kibria is a co-author of a book entitled "Normal and Student´s *t* Distributions and Their Applications, Atlantis Press, Paris, France". The current citations of his papers is 1540, which certainly reflect his magnificent research work in statistics and related fileds. A complete list of Professor Kibria's publications is given in Section 5.

4. Awards, Honors and Recognition

Professor Kibria awarded the FIU Top Scholar Award in 2016 and the College of Arts, Science and Education Research Award in 2016. He has been awarded summer research awards (2001, 2002, 2003, 2005 and 2007) from the College of Arts and Science at FIU. He is an affiliated faculty in the Department of Environmental Studies and was affiliated researcher in the Lehman Center for Transportation Research (LCTR) at FIU. He is the dissertation advisor in the Department of Mathematics & Statistics and a member of the Graduate Faculty at FIU. He has been working as the principle statistician and a research faculty for the *Hurricane Loss Model Project* funded by the Florida Office of Insurance Regulation. Professor Kibria has served as the secretary, the treasurer, Vice President and the President of South Florida Chapter of ASA in 2004, 2005, 2006 and 2007 respectively. He has received *2005 Chapter Service Recognition Award* in recognition of outstanding and devoted service to the South Florida Chapter of American Statistical Association. He has presented numerous research papers as an invited as well contributor in several universities, statistical conferences and seminars. Besides serving the ***JPSS*** and Overseas Managing Editor for the *Journal of Statistical Research*, Professor Kibria is an editorial member of *more than twenty five international statistical, mathematical and biostatistical journals*. He is also a reviewer for the *Mathematical Reviews.* In addition, he is a member of the *American Statistical Association*, *Statistical Society of Canada and Life member of Bangladesh Statistical Association.* Professor Kibria is an elected member of *International Statistical Institute* (*ISI*) and an elected **Fellow of the Royal Statistical Society** (**FRSS**).

5. Publications

5.1 Refereed Journal Publications of Professor Kibria

1. Saleh, A. K. Md. E., Kibria, B. M. G. and George, F. (2018). Simultaneous Estimation of Several CDF's: Homogeneity Constraint, *Communication in Statistics-Theory and Methods*, **47**(12), 2813-2826.
2. Mansson, K, Shukur, G. and Kibria, B. M. G. (2018). Performance of Some Ridge

Regression Estimators for the Multinomial Logit Model, *Communications in Statistics-Theory and Methods*, **47**(12), 2795-2804.

3. Sneh, G., Hamid, S., Kibria, B. M. G., and George, F. (2017). Probable Maximum Loss for The Florida Public Hurricane Loss Model: A comparison, *Journal of Risk and Uncertainty in Engineering Systems*, **3**(4).
4. Massonon, K., Kibria, B.M. G. and Shukur, G. (2017). Some Liu Type Estimators for the dynamic OLS estimator: with an application to the carbon dioxide Kuznets curve for Turkey, *Communications in Statistics – Case Studies and Data Analysis*, **3**(3-4), 55-61.
5. Saleh, A. K. Md. E., Arashi, M., M. Norouzirad, M and Kibria, B. M. G. (2017). On Shrinkage and selection: ANOVA Model, *Journal of Statistical Research*, **51**(2), 165-191.
6. Elgarh, M., Shakil, M., and Kibria, B. M. G. (2017). Exponentiated Weibull-Exponential Distribution with Applications, *Applications and Applied Mathematics*: *An International Journal* (*AAM*), **12**(2), 710-725
7. Firinguettia, L., Kibria, B. M. G., and Araya, R. (2017). Study of Partial Least Squares and Ridge Regression Methods, *Communications in Statistics - Simulation and Computation*, **46**(8), 6631-6644.
8. Guo, Y, and Kibria, B. M. G. (2017). On Some Test Statistics for Testing the Population Skewness: An Empirical Study, *Applications and Applied Mathematics*: *An International Journal* (*AAM*), **12**(2), 726-752.
9. Albatineh, A. N., Khan, H. M., Zogheib, B., and Kibria, B. M. G. (2017). Effects of some design factors on the distribution of similarity indices in cluster analysis, *Communications in Statistics - Simulation and Computation*, **17**(4), 4018-4034.
10. Shakil, M. and Kibria, B. M. G. (2017). Two Characterizations of an Exponential Power Life-Testing Distribution, *Journal of Applied Statistical Science*, **22**(3-4), 375-386.
11. Oxenyuk, V., Gulati, S., and Kibria, B. M. G. (2017). Distribution Fits for Various Parameters in the Florida Public Hurricane Loss Model. *Journal of Modern Applied Statistical Methods*, **16**(1), 481-497.
12. Albatineh, A. N., Boubakari, I., and Kibria, B. M. G. (2017). New Confidence Interval Estimator of the Signal-to-Noise Ratio Based on Asymptotic Sampling Distribution, *Communication in Statistics-Theory and Methods*, **46**(2), *574-590.*
13. Arashi, M., Kibria, B. M. G., and Valizadeh, T. (2017). On Ridge Parameter Estimators under Stochastic Subspace Hypothesis, *Journal of Statistical Computation and Simulation*, **87**(5), 966-983. DOI: 10.1080/00949655.2016.1239104
14. Guo, Y. and Kibria, B. M. G. (2017). Testing the Population Kurtosis Parameter: An Empirical Study with Applications, International *Journal of Computational and Theoretical Statistics*, **4**(1), 45-63.
15. Mansson, K., Kibria, B. M. G, and Shukur, G. (2016). A Restricted Liu Estimator for Binary Regression Models and Its Application to an Applied Demand System, *Journal of Applied Statistics*, **43**(6), 1119-1127.

16. Shakil, M., Kibria, B. M. G., and Singh, J. N. (2016). Characterization of a New Class of Generalized Pearson Distribution by Truncated Moment, *International Journal of Computational and Theoretical Statistics (IJCTS*), **3**(2), 91-100.
17. Adefisoye, J., Kibria, B. M. G., and George, F. (2016). Performances of Several Univariate Tests of Normality: An Empirical Study, *Journal of Biometrics & Biostatistics*, **7** (4), 1-8.
18. Ahsanullah, M., Hamedani, G. G., Shakil, M., Kibria, B. M. G., and George, F. (2016). New Classes of Univariate Continuous Exponential Power Series Distributions, *International Journal of Computational and Theoretical Statistics*, **3**(2), 63-73.
19. Banik, S. and Kibria, B. M. G. (2016). Confidence Intervals for the Population Correlation Coefficients ρ, *International Journal of Statistics in Medical Research*. 5(2), 99-111.
20. Ahsanullah, S. M. and Kibria, B. M. G. (2016). On Some Characterization of the Symmetric Students *T*-Type Distribution by Truncated Moment, *Jnanabha*, **46**, 45-58.
21. Shakil, M., Kibria, B. M. G. and J. N. Singh, J. N. (2016). Review on Generalized Pearson System of Probability Distributions, *Journal of Mathematical Sciences & Mathematics Education*, **11**(2), 13-33.
22. Kibria, B. M. G. and Banik, S. (2016). Some Ridge Regression Estimators and Their Performances, *Journal of Modern Applied Statistical Methods*, **15**(1), 206-238.
23. Perez-Meloand, P. and Kibria, B. M. G. (2016). Comparison of Some Confidence Intervals for Estimating the Skewness Parameter of a Distribution, *Thailand Statistician*, **14**(1), 93-115.
24. Ahsanullah, M., Shakil, M., and Kibria, B. M. G. (2016). Characterizations of Continuous Distributions by Truncated Moment, *Journal of Modern Applied Statistical Methods*, **15**(1), 316-331.
25. Arashi, M., Kibria, B. M. G., and Tajadod, A. (2015). On Shrinkage Estimators in Matrix Variate Elliptical Models, *Metrika*, **78**(1), 29-44.
26. Andrew, H., George, F., and Kibria, B. M. G. (2015). Methods for Identifying Differentially Expressed Genes: An Empirical Comparison, *Journal of Biometrics and Biostatistics*, **6**(5), 1-6.
27. Ahsanullah, M., Shakil, M., and Kibria, B. M. G. (2015). Characterizations of Folded Student's *T* Distribution, *Journal of Statistical Distributions and Applications*, **2**(1), 1-11.
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Characterization, *Applied Mathematical Sciences*, **9**(51), 2493-2513.

31. Ahsanullah, M., Shakil, M., Kibria, B. M. G., and George, F. (2015). Distribution of the Product of Bessel Distribution of Second Kind and Gamma Distribution - Properties and Characterization, *International Journal of Mathematical Analysis*, **9**(21), 1031-1048.
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6. Summary and Concluding Remarks

Professor Kibria's contributions in the statistical research and in profession are invaluable. He is one of the top researchers in the area of ridge regression and leading researcher in the world. I am very confident that both graduate students and researchers will be benefitted by knowing his research work. I sincerely wish his healthy and long life.