

Journal Publications

1. Caffeine Intake and Its Association with Body Composition Measures and Macronutrient Intakes in People Living with HIV in the Miami Adult Studies on HIV Cohort. Ramamoorthy Venkataraghavan, Campa Adriana, Rubens Muni, Martinez Sabrina S., Fleetwood Christina, Stewart Tiffanie, Liuzzi Juan P., **George Florence**, Khan Hafiz, Li Yinghui, and Baum Marianna. Journal of Caffeine and Adenosine Research. January 2018. <https://doi.org/10.1089/caff.2017.0026>
2. Caffeine and Insomnia in People Living with HIV. Journal of the Association of Nurses in AIDS Care. Ramamoorthy, Venkataraghavan & Campa, Adriana & Rubens, Muni & Martinez, Sabrina & Fleetwood, Christina & Stewart, Tiffanie & P. Liuzzi, Juan & **George, Florence** & Khan, Hafiz & Baum, Marianna. (2017). 10.1016/j.jana.2017.07.008.
3. The relationship between culture and parent-teen sexuality conversations in Black families: Implications for health promotion. Kemesha Gabbidon¹, Mary Shaw-Ridley¹, and **Florence George** Californian Journal of Health Promotion 2017, Volume 15, Issue 2, Pages 13-26.
4. Monte Carlo comparison of the methods for estimation of the Weibull distribution parameters - wind speed application. Ivana Pobocikova, Zuzana Sedliackova, Maria Michalkova, Florence George. Communications - Scientific Letters of the University of Zilina 2A (2017) Volume 19.
5. Probable Maximum Loss for The Florida Public Hurricane Loss Model: A comparison. [Sneh Gulati](#), [Florence George](#), [B. M. Golam Kibria](#), [Shahid Hamid](#). Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering (2017), Vol. 3.
6. The Relationship between Caffeine Intake and Immunological and Virological Markers of HIV Disease Progression in Miami Adult Studies on HIV Cohort. Viral immunology. 30. . 10.1089/vim.2016.0148. Ramamoorthy, Venkataraghavan & Campa, Adriana & Rubens, Muni & Martinez, Sabrina & Fleetwood, Christina & Stewart, Tiffanie & P Liuzzi, Juan & George, Florence & Khan, Hafiz & Li, Yinghui & Baum, Marianna. (2017).
7. Performances of Several Univariate Tests of Normality: An Empirical Study. Adefisoye JO, Golam Kibria BM, George F (2016) J Biom Biostat 7: 322. doi:10.4172/2155-6180.1000322.
8. Estimating Extreme Losses for the Florida Public Hurricane Model – Part II. Sneh Gulati, Florence George and Shahid Hamid. Theoretical and Applied Climatology (2017). doi:10.1007/s00704-016-2029-x
9. Relationship between Metabolic Syndrome and Cognitive Abilities in U.S. Adolescents. Rubens M, Ramamoorthy V, Saxena A, **George F**, Nancy S, Attonito J, McCoy HV, Beck-Sague CM. Metabolic Syndrome and Related Disorders, (2016) Oct;14(8):397-403. Epub 2016 Aug 16 doi: 10.1089/met.2016.0015
10. Comparative Study of LASSO, Ridge Regression, Preliminary Test and Stein-type Estimators by A. K. Md. Ehsanes Saleh and B. M. Golam Kibria & **Florence George** –submitted to JSPI

11. New Classes of Univariate Continuous Exponential Power Series Distributions M. Ahsanullah, G. G. Hamedani, M. Shakil, B.M. Golam Kibria, and F. George. International Journal of Computational and Theoretical Statistics (2016). <http://journals.uob.edu.bh/IJCTS/contents/volume-1079/articles/article-2626>
12. Simultaneous Estimation of Several CDF's: Homogeneity Constraint. A. K. Ehsanes Saleh, B. M. Golam Kibria & **Florence George**. Communications in Statistics(2016). Theory and Methods. <http://dx.doi.org/10.1080/03610926.2015.1129419>
13. Methods for Identifying Differentially Expressed Genes: An Empirical Comparison. Andrew H, **Florence G**, Golam Kibria BM (2015). J Biometrics and Biostatistics 6:265. doi:10.4172/2155-6180.1000265.
14. Short Term Projection of Reverse Total Shoulder Arthroplasty Utilization in Proximal Humerus Fractures within the Humana National Private Payer Database. Tsun yee Law, Sam Rossa, **F. George** et al (2015). The American Journal of Orthopedics.
15. Distribution of the Product of Bessel Distribution of second kind and Gamma distribution – Properties and Characterization. M. Ahsanullah, M. Shakil, B. M. Golam Kibria, and **F. George**. Applied Mathematical Sciences (2015) Vol. 9, no. 21, 1031 – 1048.
16. Distribution of the Product of Bessel Distribution of first kind and Gamma distribution – Properties and Characterization. M. Ahsanullah, M. Shakil, B. M. Golam Kibria, and **F. George**. Applied Mathematical Sciences (2015) Vol. 9, no. 51, 2493 – 2513.
17. A comparison of Some Robust Bivariate Control Charts for Individual observations. Moustafa Omar Ahmed Abu-Shawiesh, Florence George and B. M. Golam Kibria. International Journal for Quality Research (2014), 8(2) 183–196.
18. Estimating Extreme Losses for the Florida Public Hurricane Model. Sneha Gulati, **Florence George**, Fan Yang and B. M. Golam Kibria, SriLankan Journal of Applied Statistics (Special Issue) :Modern Statistical Methodologies in the Cutting Edge of Science (2014). ISBN: 1391-4987.
DOI: <http://dx.doi.org/10.4038/sljastats.v5i4.7793>
19. A comparison of Shape and Scale Estimators of the Two-parameter Weibull Distribution. Florence George. Journal of Modern Applied Statistical Methods (2014) vol. 13, 23-35.
20. Confidence Interval Estimation of the Signal-to-Noise Ratio Using Ranked Set Sampling: A Simulation Study. Ahmed N. Albatineh¹, Florence George, B M Golam Kibria, Meredith L. Wilcox. Thailand Statistician (2014) vol. 12: 55-69.

21. Glycosaminoglycan entrapment by fibrin in engineered heart valve tissues. Alfonso AR, Rath S, Rafiee P, Hernandez-Espino M, Din M, George F, Ramaswamy S. *Acta Biomater*. *Acta Biomater* (2013) Sep;9(9):8149-57.
22. Methods for testing Population Signal to Noise Ratio. Florence George and B. M. Golam Kibria. *Communications in Statistics - Simulation and Computation* (2013). DOI: 10.1080/03610918.2012.704541.
23. A Robust Bivariate Control Chart - Alternative to the Hotelling's T^2 Control Chart. Abu-Shawiesh, M. O. A., Golam Kibria, B. M. and George, Florence. *Quality and Reliability Engineering International* (2012). John Wiley & Sons.
24. Confidence Intervals for Estimating the Population Signal to Noise Ratio: A Simulation Study. **F. George** and B.M. Golam Kibria, *Journal of Applied Statistics*, Taylor & Francis Journals (2012) vol. 39, 1225-1240.
25. Confidence Intervals for Signal to Noise Ratio of a Poisson distribution. B. M. G. Kibria and **Florence George**. *American Journal of Biostatistics*, (2011), 44-55.
26. Confidence Intervals for a Poisson parameter: An Empirical Comparative Study. **F. George** and B.M. Golam Kibria. *Journal of Statistical Studies* (2011) 27-39.
27. Estimation of Parameters of Johnson's System of Distribution. **Florence George** and K. M. Ramachandran. *Journal of Modern Applied Statistical Methods* (2011) vol. 10, 494-504.
28. Empirical Comparison Of Some Test Statistics For Testing The Mean Of A Poisson Distribution. B. M. Golam Kibria and **Florence George**; *Applications and Applied Mathematics: An International Journal* (2010), vol.5, issue 10.
29. Some test statistics for testing the binomial parameter: Empirical Power Comparison. **Florence George** and B. M. Golam Kibria; *American Journal of Biostatistics* (2010), 1:82-93.
30. Gene Selection with Johnson's distribution. **Florence George**. K. M. Ramachandran and Li Lihua, *Journal of Statistical Research* (2009) 117-125
31. A mixture model approach for gene selection using Johnson's system and Baye's formula. **Florence George** and K.M. Ramachandran, *Neural, Parallel and Scientific Computations* 16 (2008) 45-58
32. Computerized analysis of tissue density effect on missed cancer detection in digital mammography. Lihua Li, Zuobao Wu, Angela Salem, Zhao Chen, Li Chen, Florence George, Maria Kallergi, Claudia Berman. *Computerized medical imaging and graphics* 30(2006) 291-297

Book Chapter

- A Universal Goodness of Fit Test based on Regression Techniques. George F. and Gulati S. 'Statistical Models and Methods for Reliability and Survival Analysis', ISBN: 978-1-84821-619-8, December 2013, Wiley-ISTE

Proceeding Publications

1. A Universal Goodness of Fit Test based on Regression Techniques. **Florence George** and Sneh Gulati. Statistical Models and Methods for Reliability and Survival Analysis and their Validation (S2MRSAs) – Proceedings (2012)
2. Performance of Some Test Statistics for Testing the Mean of a Poisson distribution, **Florence George** and B.M. Golam Kibria, JSM Proceedings (2011.)
3. Analysis of Microarray data for gene selection. F. George, K.M. Ramachandran, IFMBE Proceedings 24(2009) 237-238
4. Application of Johnson System of Distribution in gene selection. Florence George and K. M. Ramachandran , JSM Proceedings, 2007
5. Integration of Clinical Information and Gene Expression Profiles for Prediction of Chemotherapy for ovarian cancer. Lihua Li, Li Chen, D. Goldgof, F. George, Z. Chen, A. Rao, J. Cragun, R. Sutphen, Johnathan M. Lancaster. Proceedings of the 2005 IEEE , Engineering in Medicine and Biology 27th annual conference, China- sep.2005
6. Improving Reliability of Response Prediction to Platinum-Based Therapy by AdaBoost and Multiple Classifiers. Li Chen, Lihua Li, D.Goldgof, F. George, Z. Chen, A. Rao, J. Cragun, R. Sutphen, Johnathan M. Lancaster. Proceedings of the 2005 IEEE, Engineering in Medicine and Biology 27th annual conference, China- sep.2005.
7. Breast Tissue Density and CAD cancer Detection in Digital Mammography. Lihua Li, Zuobao Wu, Li Chen, Florence George, Zhao Chen, Angela Salem, Maria Kallergi, Claudia Berman. Proceedings of the 2005 IEEE , Engineering in Medicine and Biology 27th annual conference, China- sep.2005

Presentations

1. Joint Statistical Meetings in Boston, Aug 2-7, 2014.
Title: *A Robust Alternative to the Bivariate Hotelling's T2 Control Chart*, Florence George and Golam Kibria, presented by Florence George.
2. International Conference on Statistical Models and Methods for Reliability and Survival Analysis and their validation (S2MRSAs), Bordeaux , France July 2012.
Title: A Universal Test Goodness of Fit Test based on Regression Techniques Florence George and Sneh Gulati, presented by Sneh Gulati.

3. Joint Statistical Meetings in Miami, Florida, July 2011
Title: Performance of some test statistics for testing the mean of a Poisson distribution, Florence George and Golam Kibria, presented by Florence George.
4. Fourth International Conference on Neural, Parallel & Scientific August 11 - 14, 2010, Atlanta, Georgia.
Title: On Some Confidence Intervals for Estimating Poisson Parameter, Florence George and Golam Kibria, presented by Florence George.
5. Fourth International Conference on Neural, Parallel & Scientific August 11 - 14, 2010, Atlanta, Georgia.
Title: On Some Confidence Intervals for Estimating Poisson Parameter, Florence George and Golam Kibria, presented by Florence George.
6. 25th Southern Biomedical Engineering Conference, Miami, Florida, May15-17, 2009
Title: Analysis of Microarray data for gene selection, Florence George and K.M. Ramachandran, presented by Florence George.
7. Conference in Statistical Methods, Dept. of Statistics, Florida International University, March 27, 2009.
Title: Estimation of Parameter of Johnson's Distribution and selection of differentially expressed genes, Florence George and K.M. Ramachandran, presented by Florence George.
8. World Congress of Nonlinear Analysts, Orlando, Florida, USA, July2-july9, 2008
Title: A new method of parameter estimation in Johnson's distribution and application to the Analysis of Microarray Data, Florence George and K.M. Ramachandran, presented by Florence George.
9. Joint Statistical Meetings in Salt Lake City, Utah, Aug 2007
Title: Application of Johnson System of Distribution in gene selection, Florence George and K.M. Ramachandran, presented by Florence George.
10. 5th International Conference on Dynamic Systems and Applications, Atlanta, Georgia, USA, May 30-June 2, 2007
Title: Empirical Bayes Analysis of gene expression data using Johnson's distribution, Florence George and K.M. Ramachandran, presented by Florence George.
11. Department of Mathematics & Statistics, University of South Florida, Feb, 2005
Title: Analysis of Gene Expression data, Florence George, presented by Florence George.