

Creative and Scholarly Activity

Refereed Publications since 2010: [* since last Professor Salary Adjustment in 2020]

- * 2020 Famoye, F. and Lee, C. Generalized Poisson distributions. Accepted by *Wiley StatsRef: Statistics Reference Online*.
- * 2020 Alzaatreh, A., Aljarrah, M.A., Smithson, M., Shahbaz, S.H., Shahbaz, M.Q., Famoye, F. and Lee, C. Truncated family of distributions with applications to time and cost to start a business. Accepted by *Methodology and Computing in Applied Probability*.
- * 2020 Aljarrah, M.A., Famoye, F. and Lee, C. Generalized logistic distribution and its regression model. *Journal of Statistical Distributions and Applications*, Vol 7, #7.
- 2021 Lee, C., Famoye, F. and Akinsete, A. Generalized count data regression models and their applications to healthcare data. *Annals of Data Science*, 8(2), 367-386.
- 2020 Famoye, F. and Lee, C. Review of univariate and bivariate exponentiated exponential-geometric distributions. Accepted by *WIRES Computational Statistics*.
- 2019 Famoye, F. Bivariate exponentiated-exponential geometric regression model. *Statistica Neerlandica*, 73, 434-450.
- 2019 Famoye, F. Exponentiated Weibull-geometric distribution and its application to count data. *Journal of Data Science*, 17(4), 712-725.
- 2019 Aljarrah, M.A., Famoye, F. and Lee, C. A new generalized normal distribution: Properties and applications. *Communications in Statistics: Theory & Methods*, 48(18), 4474-4491.
- 2019 Aldeni, M., Famoye, F. and Lee, C. A generalized family of lifetime distributions and survival models. Accepted by *Journal of Modern Applied Statistical Methods*, 18(2)
- 2018 Famoye, F., Akarawak, E. and Ekum, M. Weibull-normal distribution and its applications. *Journal of Statistical Theory and Applications*, 17(4), 719-727.
- 2018 Hamed, D., Famoye, F. and Lee, C. On families of generalized Pareto distribution: Properties and applications. *Journal of Data Science*, 16(2), 377-396.
- 2018 Famoye, F. and Preisser, J.S. Marginalized zero-inflated generalized Poisson regression. *Journal of Applied Statistics*, 45(7), 1247-1259.
- 2017 Aldeni, M., Lee, C. and Famoye, F. Families of distributions arising from quantile of generalized lambda distribution. *Journal of Statistical Distributions and Applications*, Vol. 4, #25.
- 2017 Famoye, F. and Lee, C. Exponentiated-exponential geometric regression model. *Journal of Applied Statistics*, 44(16), 2963-2977.
- 2016 Alzaatreh, A., Lee, C., Famoye, F. and Ghosh, I. The generalized Cauchy family of distributions with applications. *Journal of Statistical Distributions and Applications*, Vol. 3, #12.
- 2016 Almheidat, M., Lee, C. and Famoye, F. A generalization of the Weibull distribution with applications. *Journal of Modern Applied Statistical Methods*, 15(2), 788-820.

- 2016 Alzaatreh, A., Lee, C. and Famoye, F. Family of generalized gamma distributions: Properties and applications. *Hacettepe Journal of Mathematics and Statistics*, 45(3), 869-886.
- 2015 Ajiferuke, I. and Famoye, F. Modelling count response variables in informetric studies: Comparison among count, linear, and lognormal regression models. *Journal of Informetrics*, 9, 499-513.
- 2015 Almheidat, M., Famoye, F. and Lee, C. Some generalized families of Weibull distribution: Properties and applications. *International Journal of Statistics and Probability*, 4(3), 18-35.
- 2015 Aljarrah, M.A., Famoye, F. and Lee, C. A new Weibull-Pareto distribution. *Communications in Statistics: Theory & Methods*, 44, 4077-4095.
- 2015 Famoye, F. Multivariate generalized Poisson regression model. *Communications in Statistics: Theory & Methods*, 44, 497-511.
- 2015 Al-Aqtash, R., Famoye, F. and Lee, C. On generating a new family of distributions using the logit function. *Journal of Probability and Statistical Science*, 13, 135-152.
- 2014 Akinsete, A., Famoye, F. and Lee, C. The Kumaraswamy-geometric distribution. *Journal of Statistical Distributions and Applications*, Vol. 1, #17.
- 2014 Al-Aqtash, R., Lee, C. and Famoye, F. Gumbel-Weibull distribution: Properties and applications. *Journal of Modern Applied Statistical Methods*, 13(2), 201-225.
- 2014 Alzaatreh, A., Lee, C. and Famoye, F. T -normal family of distributions: A new approach to generalize the normal distribution. *Journal of Statistical Distributions and Applications*, Vol. 1, #16.
- 2014 Aljarrah, M., Lee, C. and Famoye, F. On generating T - X family of distributions using quantile functions. *Journal of Statistical Distributions and Applications*, Vol. 1, #2.
- 2014 Alzaatreh, A., Famoye, F. and Lee, C. The gamma-normal distribution: Properties and applications. *Computational Statistics and Data Analysis*, 69, 67-80.
- 2013 Alzaghal, A., Lee, C. and Famoye, F. Exponentiated Weibull-exponential distribution: Properties and applications. *Journal of Applied Statistical Science*, 21(1), 113-134.
- 2013 Alshawarbeh, E., Famoye, F. and Lee, C. Beta-Cauchy distribution: Some properties and applications. *Journal of Statistical Theory and Applications*, 12, 378-391.
- 2013 Alzaghal, A., Famoye, F. and Lee, C. Exponentiated T - X family of distributions with some applications. *International Journal of Statistics and Probability*, 2(3), 31-49.
- 2013 Alzaatreh, A., Lee, C. and Famoye, F. A new method for generating families of continuous distributions. *Metron*, 71(1), 63-79.
- 2013 Lee, C., Famoye, F. and Alzaatreh, A. Methods for generating families of univariate continuous distributions in the recent decades. *WIREs Computational Statistics*, 5, 219-238.
- 2013 Alzaatreh, A., Famoye, F. and Lee, C. Weibull-Pareto distribution and its applications. *Communications in Statistics: Theory & Methods*, 42(9), 1673-1691.

- 2012 Alzaatreh, A, Famoye, F. and Lee, C. Gamma-Pareto distribution and its applications. *Journal of Modern Applied Statistical Methods*, 11(1), 78-94.
- 2012 Alzaatreh, A, Lee, C. and Famoye, F. On the discrete analogues of continuous distributions. *Statistical Methodology*, 9, 589-603.
- 2012 Famoye, F. Comparisons of some bivariate regression models, *Journal of Statistical Computation and Simulation*, 82(7), 937-949.
- 2012 Alshawarbeh, E., Lee, C. and Famoye, F. The beta-Cauchy distribution. *Journal of Probability and Statistical Science*, 10(1), 41-57.
- 2011 Famoye, F. and Ogunsanya, A. Error analysis on the quasi-negative binomial distribution. *Journal of Applied Statistical Science*, 19(3), 245-252.
- 2011 Famoye, F. and Aremu, O. Error analysis on the generalized negative binomial distribution. *Journal of Modern Applied Statistical Methods*, 10(2), 505-512.
- 2011 Famoye, F., Okafor, R. and Adamu, M.O. A multivariate generalized Poisson distribution. *Journal of Statistical Theory and Applications*, 10(3), 519-531.
- 2011 Li, S. Yang, F., Famoye, F. Lee, C. and Black, D. Quasi-negative binomial distribution: Properties and applications, *Computational Statistics and Data Analysis*, 55, 2363-2371.
- 2010 Famoye, F. A new bivariate generalized Poisson distribution. *Statistica Neerlandica*, 64(1), 112-124.
- 2010 Li, S., Famoye, F. and Lee, C. On the generalized Lagrangian probability distributions. *Journal of Probability and Statistical Science*, 8(1), 113-123.
- 2010 Famoye, F. On the bivariate negative binomial regression model. *Journal of Applied Statistics*, 37(6), 969-981.
- 2010 Li, Shubiao, Black, D. Lee, C., Famoye, F. and Li, Sung. Dependence models arising from the Lagrangian probability distributions *Communications in Statistics: Theory & Methods*, 39, 1729-1742.
- 2010 Pararai, M, Famoye, F. and Lee, C. Generalized Poisson-Poisson mixture model for misreported counts with an application to smoking data. *Journal of Data Science*, 8, 607-617.

Book Published since 2010:

- 2013 *Applied Statistics: Regression and Analysis of Variance* (with Bayo Lawal).
University Press of America, Inc., Lanham, MD.