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Trenton Nash Brown* (trenton.brown@coyotes.usd.edu), 103 N. Harvard St., Unit #1, Vermillion, SD 57069, and **Yuhlong Lio** and **Nan Jiang**. *Maximum Likelihood Estimation for the Generalized Exponential Distribution Parameter under Progressive Type-II Centering*.

In industrial life time testing and medical survival analysis, progressively censored schemes have received special attention in the last two decades. The Generalized Exponential distribution was introduced by Mudholkar and Srivastava (1993). Since then, the Generalized Exponential distribution has been shown to be a popular lifetime distribution model. In this study, the maximum likelihood estimates for the parameters of the Generalized Exponential Distribution based on the progressively type-II censored sample are investigated in terms of mean squared error and bias through an intensive simulation. Finally, a real data is used for illustration. (Received September 04, 2014)