

Study of the times beyond a temperature threshold using a bivariate Weibull distribution

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Abstract: *The main objective this work was to development a model in situation that the assumption of independent is violated. There was considered the Markov processes and the likelihood function was constructed using Marshall and Olkin bivariate weibull distribution. The application was performad the temperature data in the Presidente Prudente city.*

Keywords: markov models; bivariate distributions; times beyond a threshold.

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