



**ESTIMATION OF SURVIVAL FUNCTIONS: – A CASE STUDY
OF BOTSWANA AND NAMIBIA**

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Abstract

The survival functions of Botswana and Namibia for the year 2001 are computed using Kaplan-Meier estimator. The variance estimates of these two estimators are also computed using Green-Wood's formula. The survival functions of the two countries are compared using the log-rank test.

Keywords and phrases: survival functions, Kaplan-Meier estimator, log-rank test statistic, Green-Wood's formula, the ideas are demonstrated through real data sets.

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