



LEE-CARTER MORTALITY METHOD: AN APPLICATION TO THE SAUDI ARABIA POPULATION

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Abstract

In this article, we use the Lee-Carter method to study the mortality forecasting to Saudi Arabia population. We fit the model to the matrix of Saudi Arabia death rates for each gender for the available data. We obtained the observed central death rate for each gender at age groups in years and we estimated the unknown model parameters for each gender.

Keywords and phrases: life expectancy, time series, mortality forecasting, Lee-Carter model.

