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Effect of competing for risk among breast cancer

Olawale Abolade O and Jolayemi, ET
Federal Polytechnic, Nigeria

Statement of the Problem: A retrospective data set was obtained from a government University Teaching Hospital for breast cancer patients classified by the cause of death. The first cause of death was cancer while the other cause arose from any other, all of which were put together and referred to as the competing risk. Appropriate probability distributions were fitted to the time-to-death data of the two groups. The three-parameter Weibull distribution was appropriate to the patients who died of cancer, while exponential probability distribution fitted the breast cancer patients who died of other causes. The implication of this distribution is that survival chance changes between the two competing risks such that overtime other causes of death overshadows death arising from breast cancer..

Biography

Olawale Abolade O is a Lecturer in the Department of Statistics, Federal Polytechnic, Ile-Oluji, Ondo State, Nigeria. She holds an MSc Degree in Statistics. Mrs. Olawale is a member of many Professional bodies among which are International Biometry Society (IBS), Nigerian Statistical Association (NSA), Nigerian Mathematical Society (NMS). She has attended so many conferences, seminars and workshops both locally and abroad to update her knowledge in which she has presented some of her works. Presently, she is a PhD Student in the Department of Statistics, University of Ilorin, Nigeria. Her research area is Bio-statistics with a special interest in Survival Analysis.

oludayobola@gmail.com

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