LIMITATION OF THE STUDY

This research mainly focused on the applications of Structural Equation Models (SEM) and Markov Chain Monte-Carlo methods with reference to the prediction of three types of Cancer, namely, Blood cancer, Breast cancer, and Primary Tumor cancer.

More precisely the work is conglomeration of parametric techniques, as well as non-parametric techniques applied to produce the patients having one of types of cancer. But the research in stochastic models also has some limitations.

At present, the universalisation and generalization of the research work is some limitations, because the area of analysis, and target patients conducted by the researchers in Adiyar Cancer Centre, Chennai; Government Rajaji Hospital, Madurai; Cancer centre, Nagerkoil, a Cancer centre at Tiruchirappalli, Tamilnadu and a Cancer centre at Thiruvananthapuram, Kerala.

Exploratory Factor model, Convergence and Diagnostic Plots, Trace models, Autocorrelation models, Surface models, Posterior models and Prior models (Six Stochastic models using Markov Chain Monte-Carlo’s techniques. are only used for the analysis and conclusions of all investigations. However all other models are to be found for the further studies in this area.