## Multivariate statistical analysis:

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the problem considered in the study:the population of this study is the population of breast cancer patients who were treated and considered free from the disease after the surgical operation and chemotherapy treatment.these patients were followed - up for different periods of time to evaluate their cases as to whether they were free from the disease or the disease reappears.the aim of the study:the study's analysis on the follow - up time (to determine the probability distribution function of failure time) will be done according to two approaches, each has its aims as followsThe search consists of the following chapter: introduction, chapter(2)estimation of when is fixed and some of its properties, chapter(3)the multivariate logistic analysis, chapter(4)the multivariate binary logistic model for estimating.