



Example 11.3

In a study of hemophilia A carriers, blood samples were collected for two groups of women and measurements on two variables $X_1 = log_{10}(AHF)$ activity) and $X_2 = log_{10}(AHF)$ -like antigen). The first group of $n_1 = 30$ women were selected from a population of women who did not carry the hemophilia gene. The second group of $n_2 = 22$ women was selected from known hemophilia A carriers. Bivariate normal distribution seem to fit the data fairly well.

