

CHAPTER V DATA ANALYSIS & INTERPRETATION

The analysis helps provide answer to primary and secondary research questions. The issues of data analysis has included:

SUMMARIZATION OF DATA

1. PRIMARY OUTCOME

The primary outcome of the study, the level of anticipated turnover among professional nurses in Chulalongkorn Hospital. The result has been summarized in term of mean (\bar{X}) and standard deviation (SD) and compared with the criteria as been cited in Chapter 4.

2. SECONDARY OUTCOME

The data analysis were analysed by employing DBASE III/Plus and SPSS PC Programme (statistical package for the social science). The data on associated factors have been summarized in term of means (\bar{X}) and standard deviation (SD) depending on the type of variables.

STATISTICAL ANALYSIS

The statistical test are required to provide the answer to the secondary research question for determining the factors influencing anticipated turnover. At first, the One-Way Anova has been used to analyse between the continuous data and qualitative data. The second, Pearson

Correlation has been used to analyse the magnitude and direction of relationship between two continuous datas. Lastly, the multiple regression by using Stepwise method has been used to analyse the multiple variable and prediction of anticipated turnover can be determined. And the lastly discriminant analysis has been used to interpreted in the same manner as in multiple regression to draw conclusions about which variables are important in discriminating among the group.