

accuracy of the question-answers and the time required to answer the questions. The questions range from simple to complex. Different forms of presentation are used (~~bar charts, line graphs, tables, etc.~~) which are available in data management software (bar charts, line graphs, tables, ~~pie~~ charts). The same information set is presented in all four forms of presentation used. The information set consists of a set of financial measures for different companies for more than one time periods. [A full factorial, within subject experimental design is used.]

The results of the experiments are analyzed with Analysis of Variance (ANOVA). Both main effects and interactive effects are tested. Planned and post hoc comparisons of cell means are used to further investigate the nature of the relationships among the variables.

The purpose of this research is to investigate the circumstances under which different forms of presentation should be used to present information to decision makers. However, this experiment does not involve an actual decision making task. The subjects are merely asked to answer a set of questions with different information presentations. It is contended that the answering of questions with an information presentation is one step in the decision making process. It is assumed that if the extraction of information from the system can be facilitated, decision making will be improved.