

BENJAMAS SUPPAITHOON : DEVELOPMENT OF PACKAGE PROGRAM FOR SELECTION OF CORRELATION ANALYSIS AND FORECASTING TECHNIQUES. THESIS ADVISOR : ASSI. PROF. DR. SORACHAI PISALBUT, 265 pp.

There are many statistical package programs available for microcomputer which most of them are designed for specific used. Therefore, the researcher must know each programs very well to suit the particular problems.

This research will emphasize on creating and developing programs for selection of correlation analysis and forecasting on typical microcomputer. The author has designed the using step in two types as follows:-

1. Semi-automatic. This method will automatically select the suitable method of analysis depending by the type and characteristic of data.
2. Manual select. This method will be selected by the user who want to test the data by their own choice.

All the application packages developed in the works are using Turbo Pascal Version 4.0 and has been tested packages with the result comparing on main-frame computer. The result is the same.

The developed programs on microcomputer of this research can be used conveniently and efficiency for selection of correlation analysis and forecasting techniques.