

An evaluation of project domains and project management capability — full analysis

The following pages contain the full analysis Q-Q plots and histograms that supports the paper titled 'An evaluation of project domains and project management capability', presented at Congress2000. The Q-Q plots and histograms were generated by the SPSS statistical package.

The paper discusses a set of project management characteristics and addresses the following two questions:

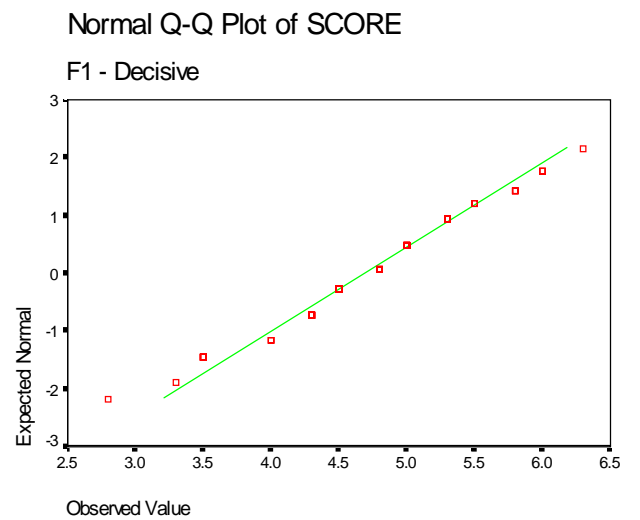
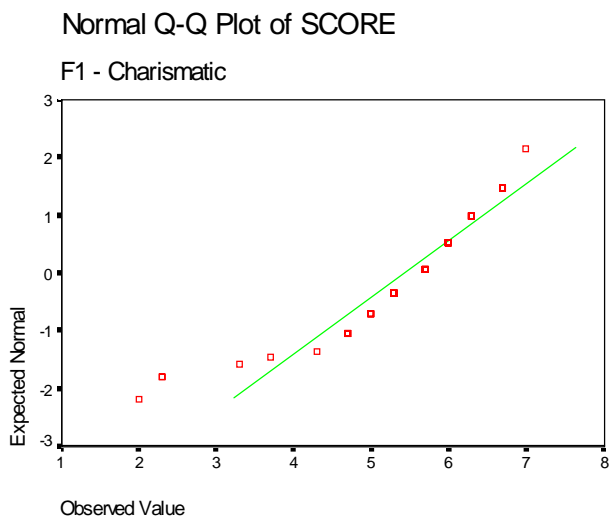
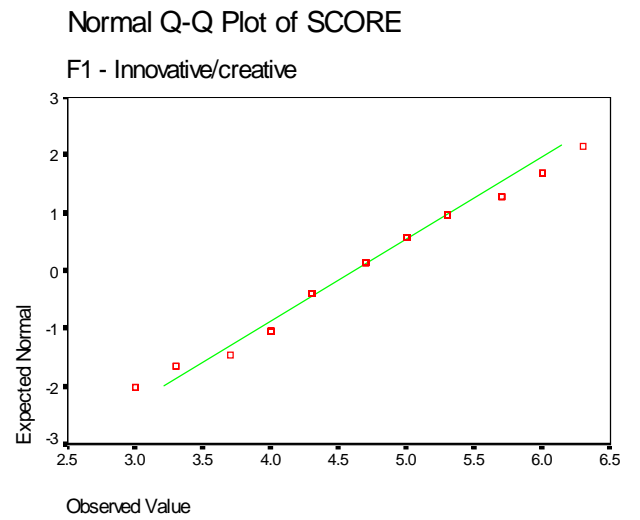
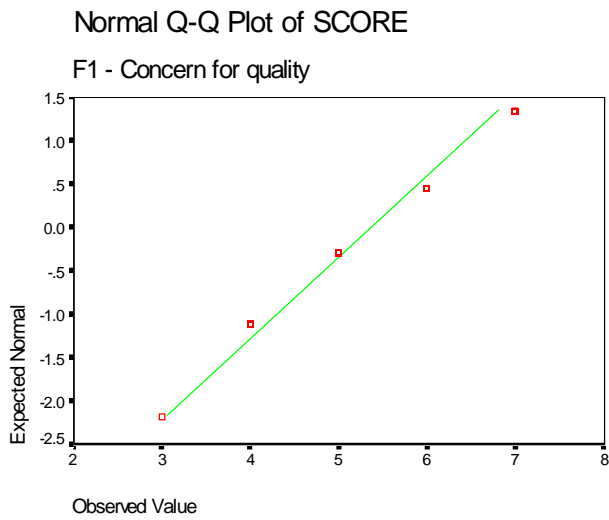
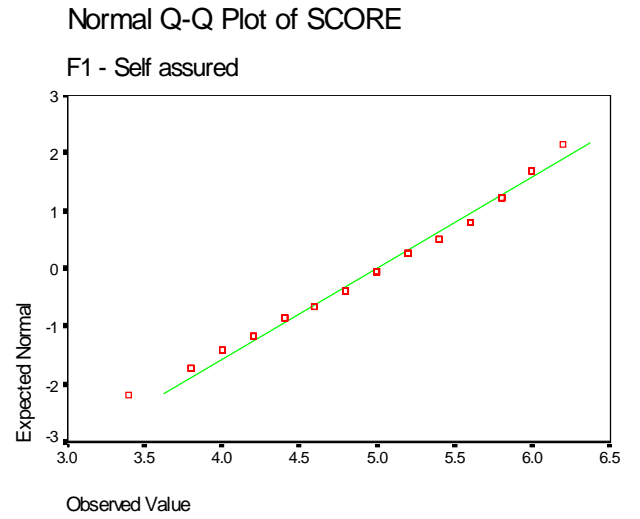
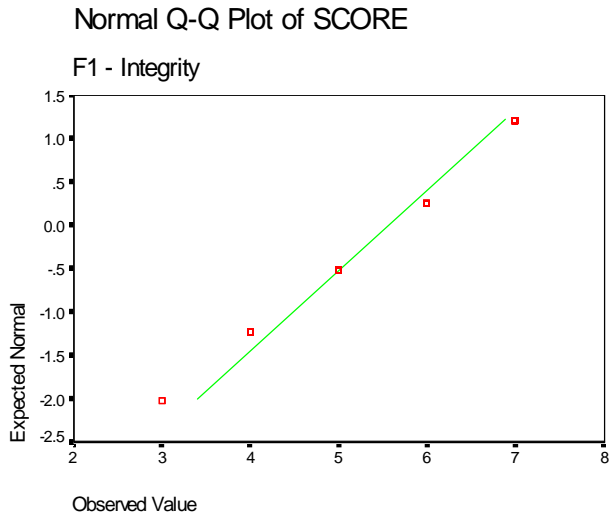
- Do these characteristics differ significantly between industries?
- Do these characteristics differ significantly between different organisations in the same industry?

What is a Q-Q plot and what does it show?

A Q-Q plot shows observed values (i.e., sample values) plotted against expected values, where the expected values fit a normal distribution. If the observed values are taken from a normally-distributed population, they will all sit on the solid line shown in a Q-Q plot. Therefore, the greater the distance an observed value lies from the line, the less likely it is to come from a normally-distributed population.

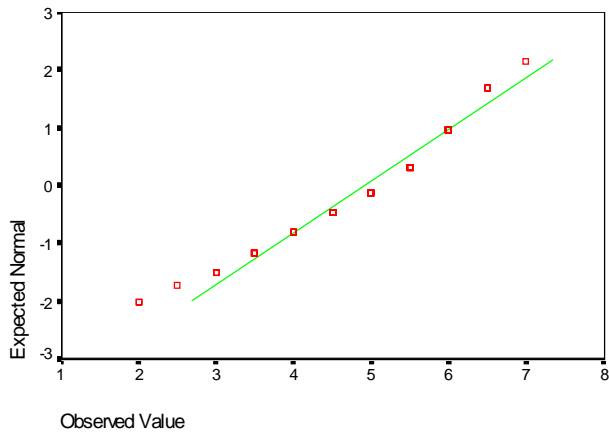
What does each histogram show?

Each histogram shows the distribution of values for a specified characteristic for a specified organisation.



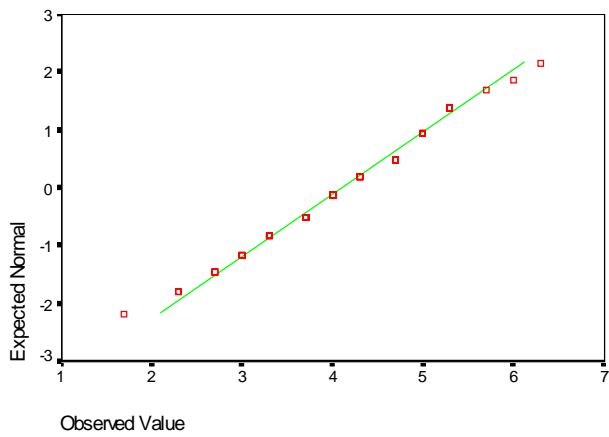
Normal Q-Q Plot of SCORE

F1 - Business orientated



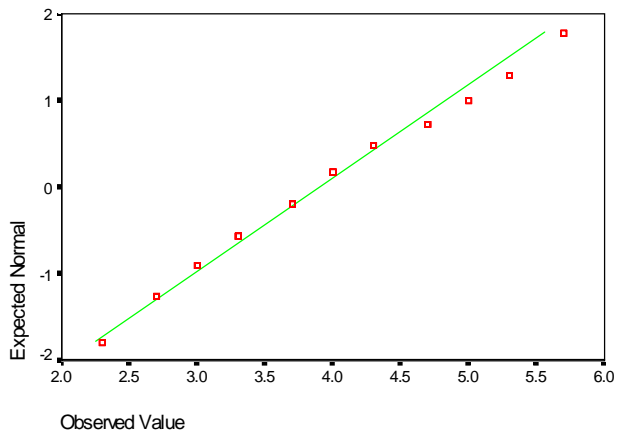
Normal Q-Q Plot of SCORE

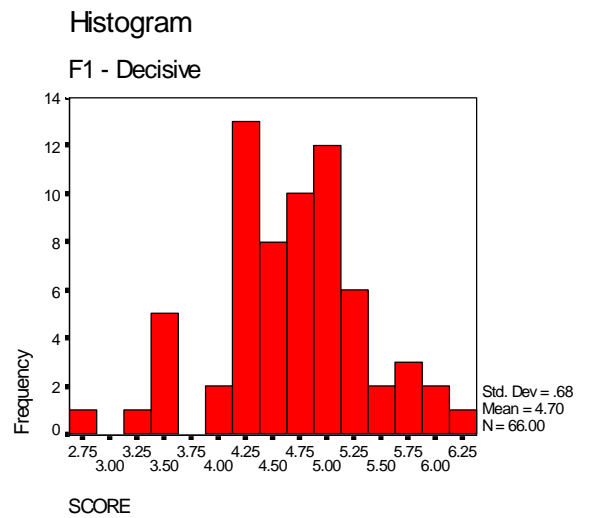
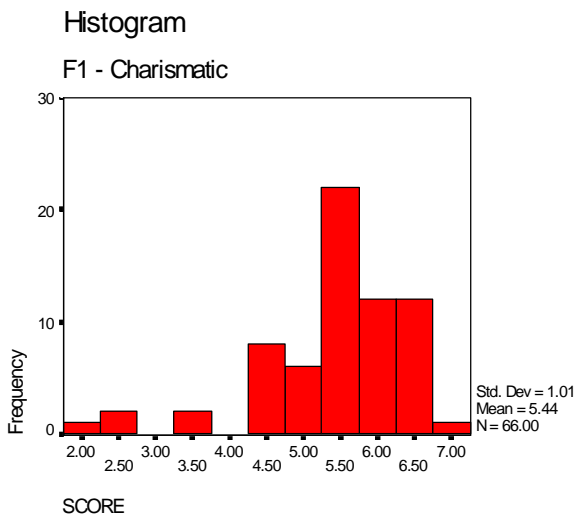
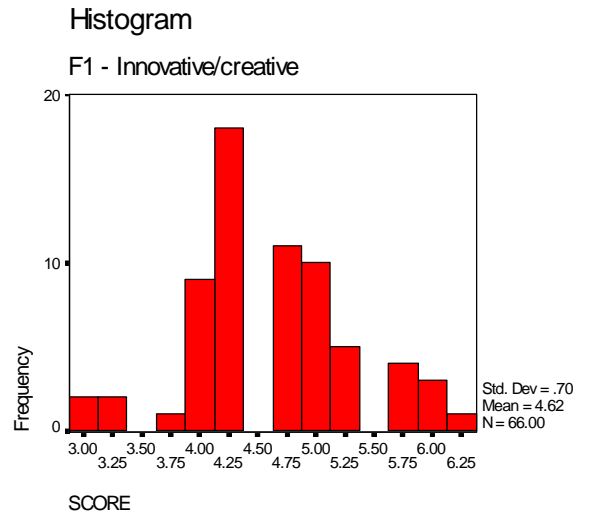
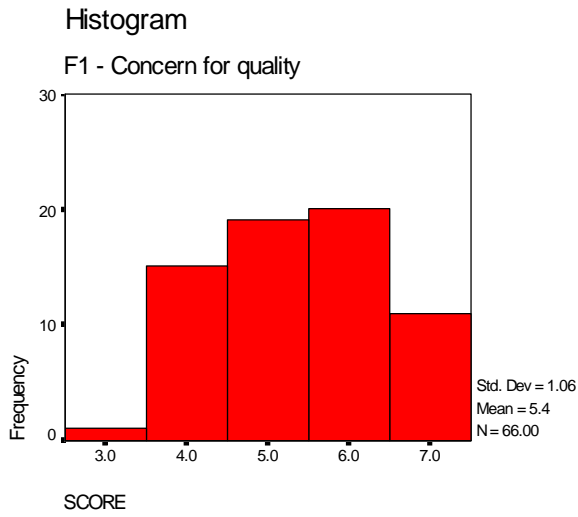
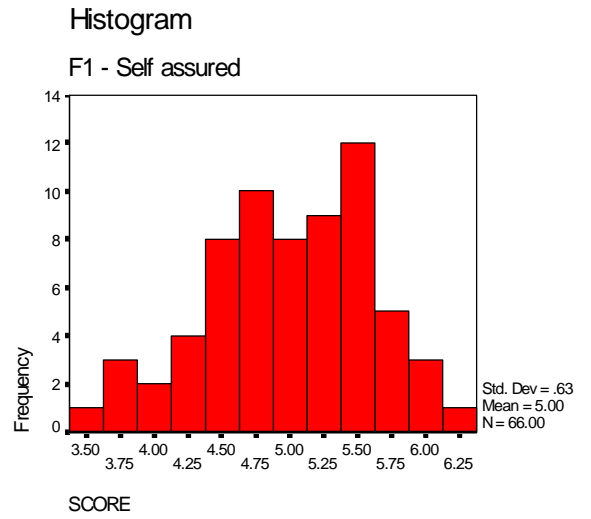
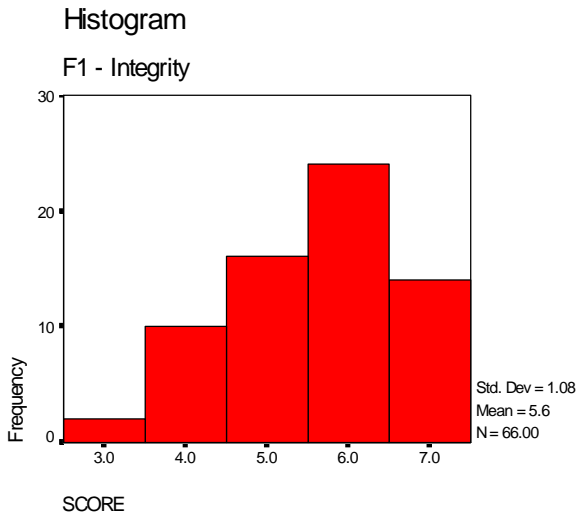
F1 - Methodical



Normal Q-Q Plot of SCORE

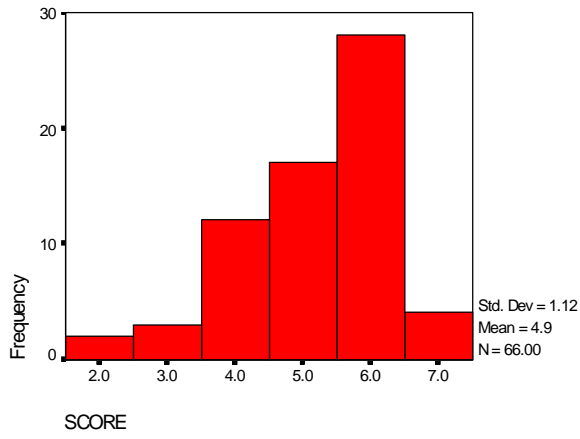
F1 - Technical





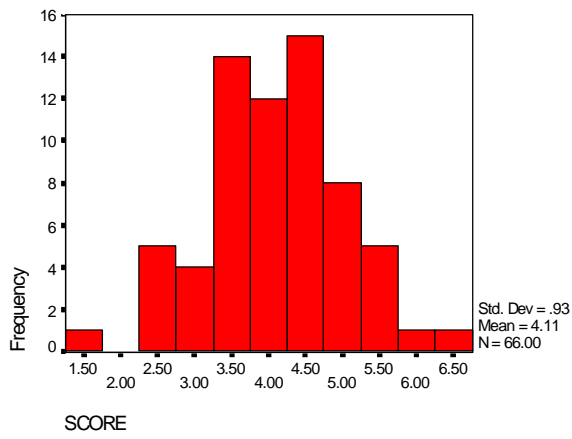
Histogram

F1 - Business Orientated



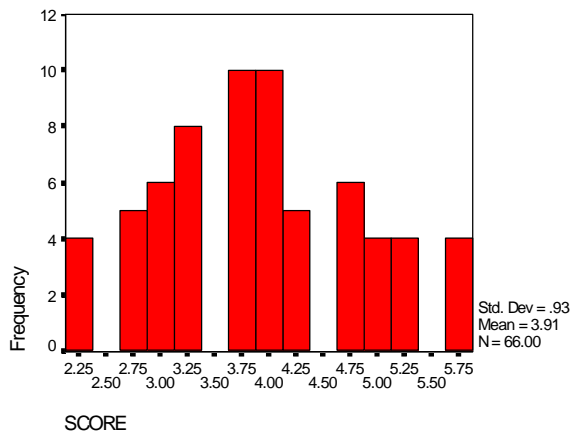
Histogram

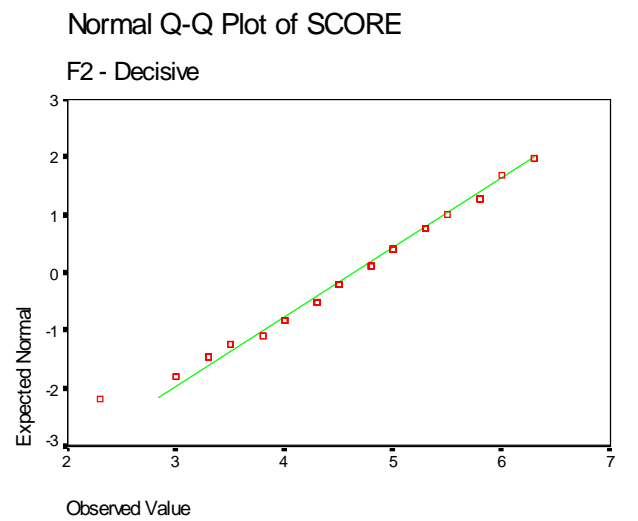
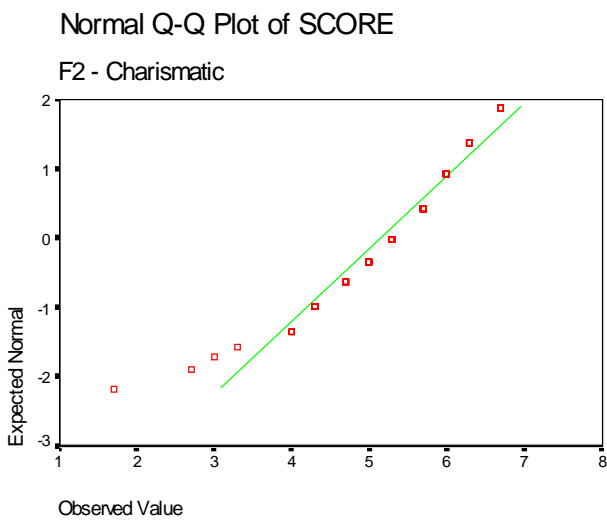
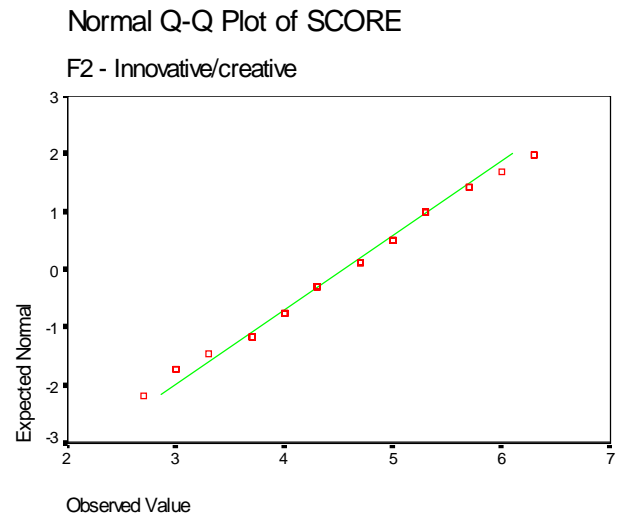
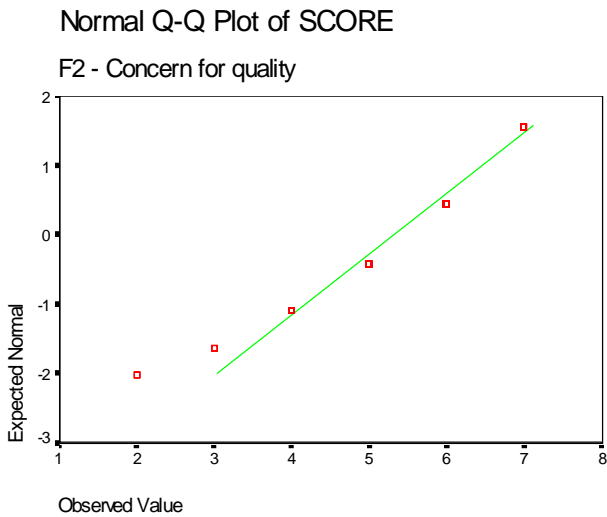
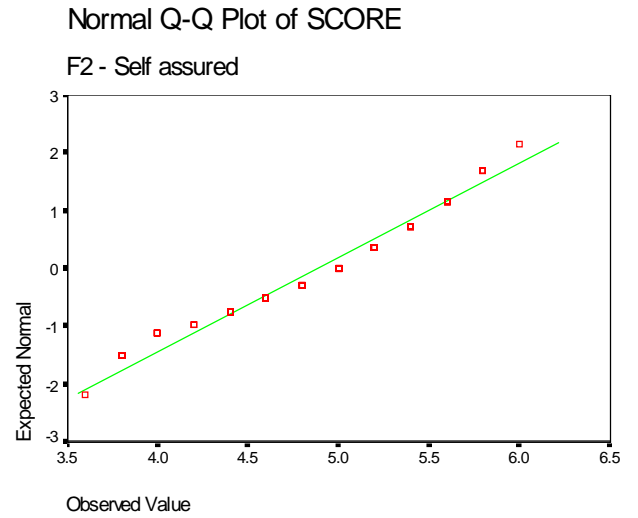
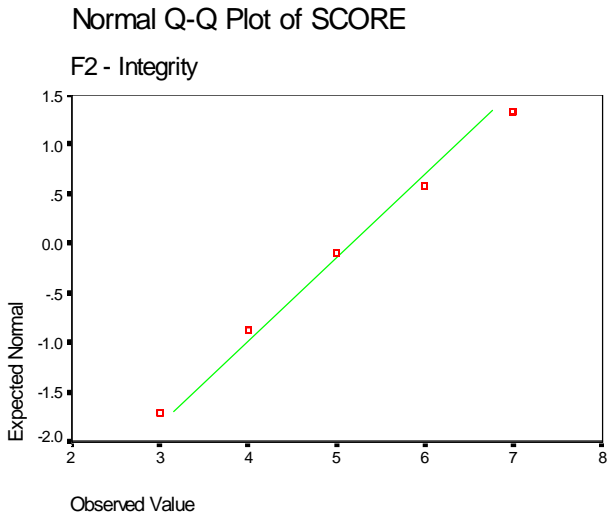
F1 - Methodical



Histogram

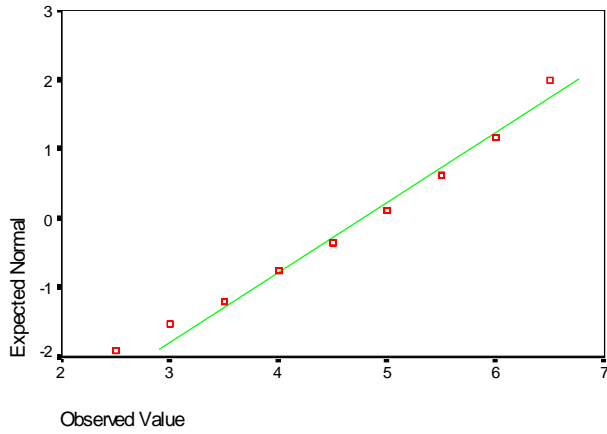
F1 - Technical





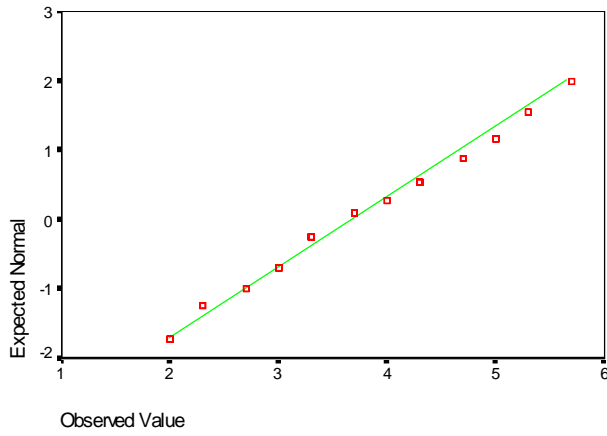
Normal Q-Q Plot of SCORE

F2 - Business Orientated



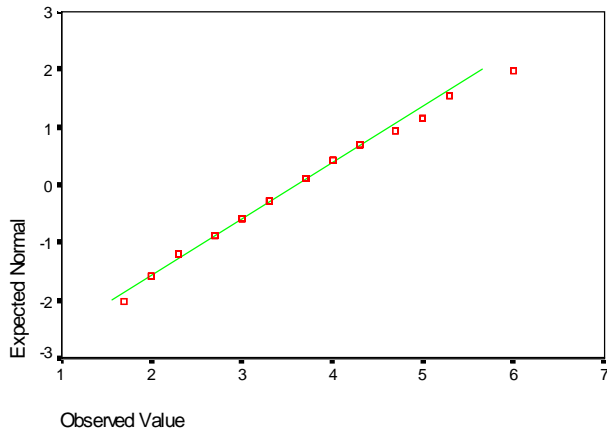
Normal Q-Q Plot of SCORE

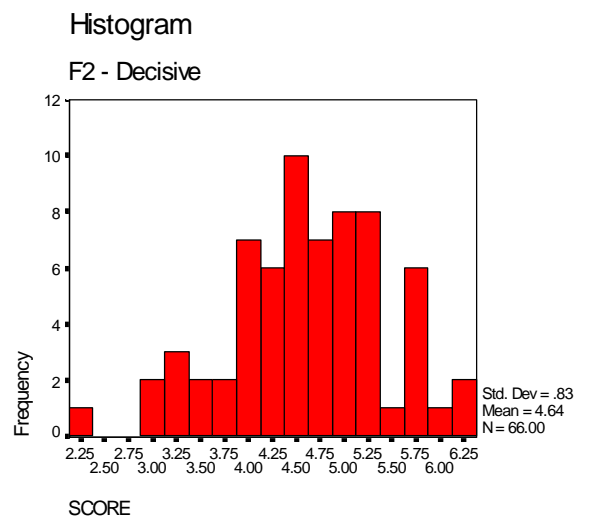
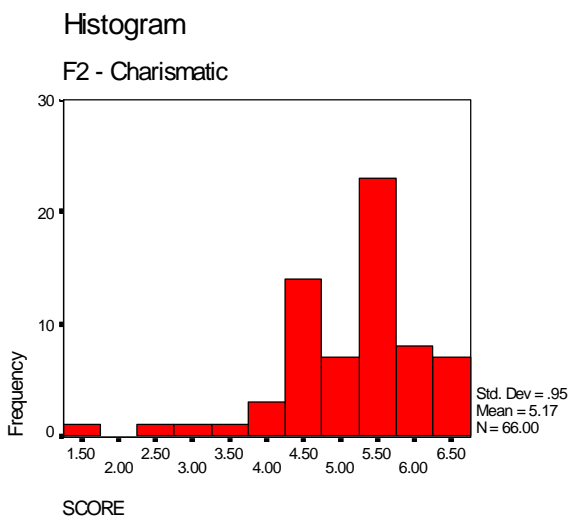
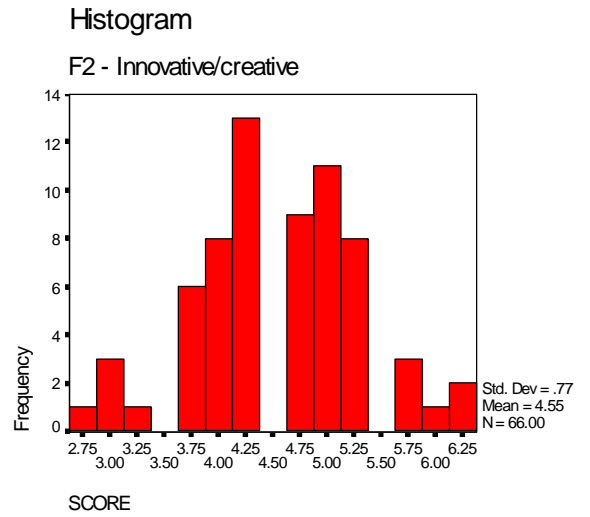
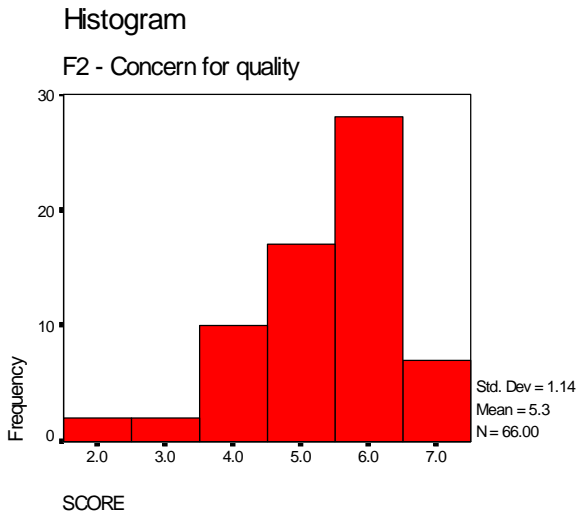
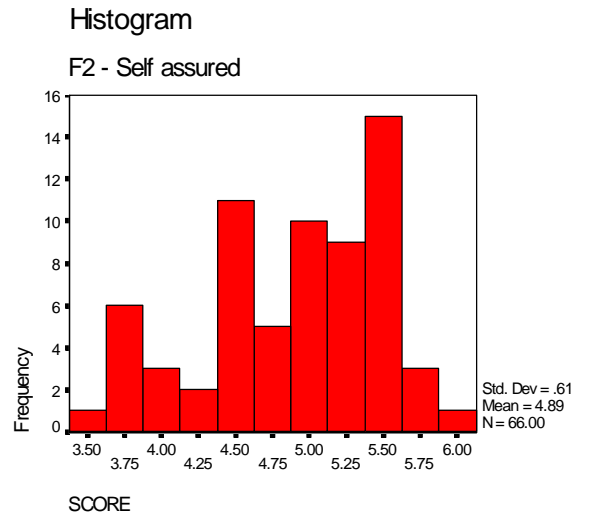
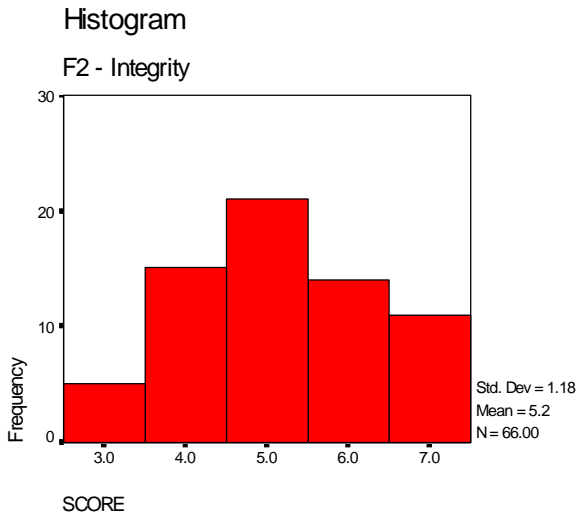
F2 - Methodical



Normal Q-Q Plot of SCORE

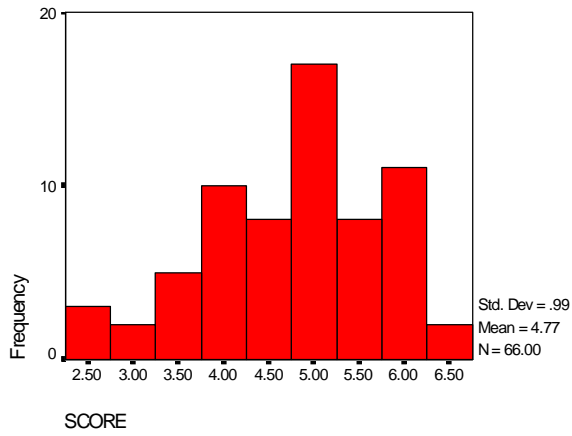
F2 - Technical





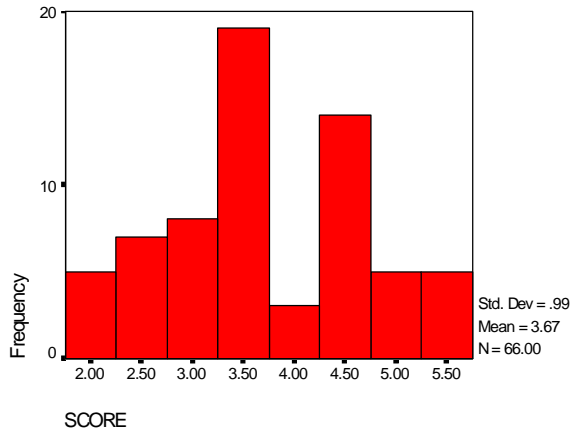
Histogram

F2 - Business Orientated



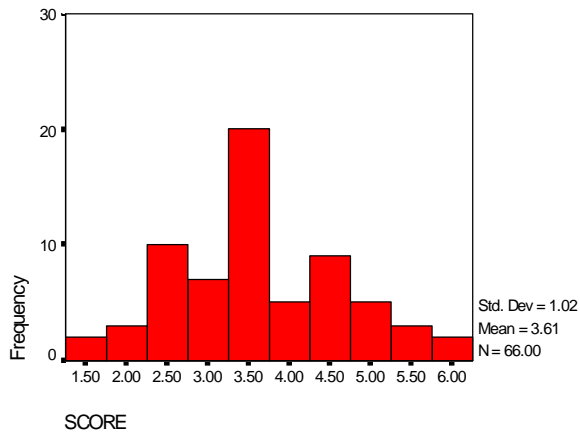
Histogram

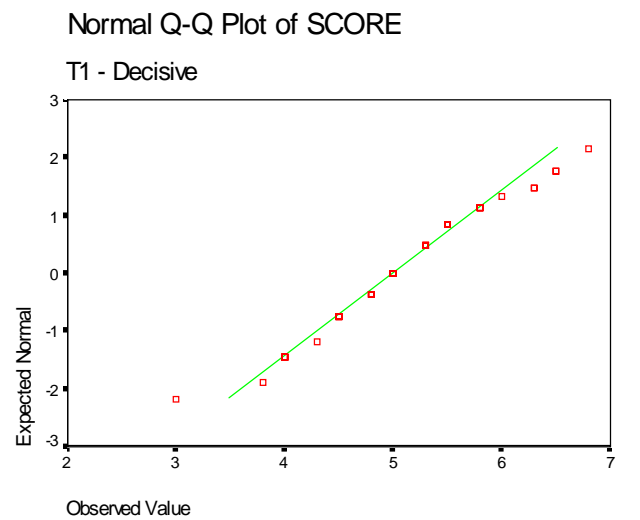
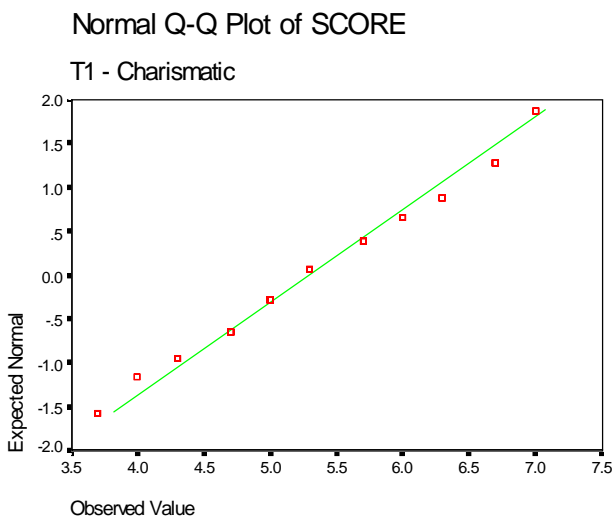
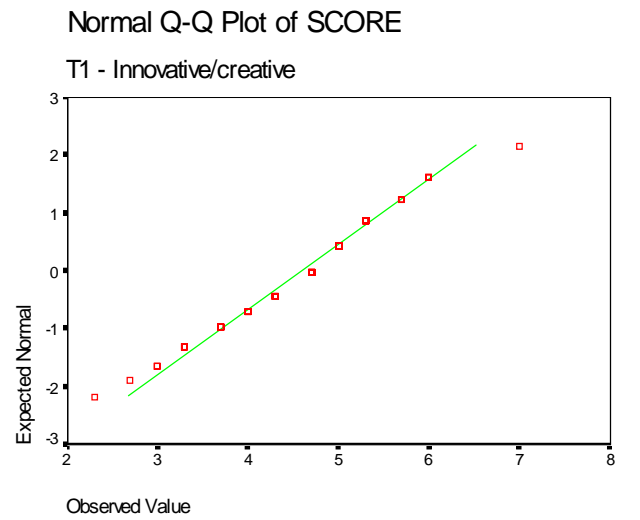
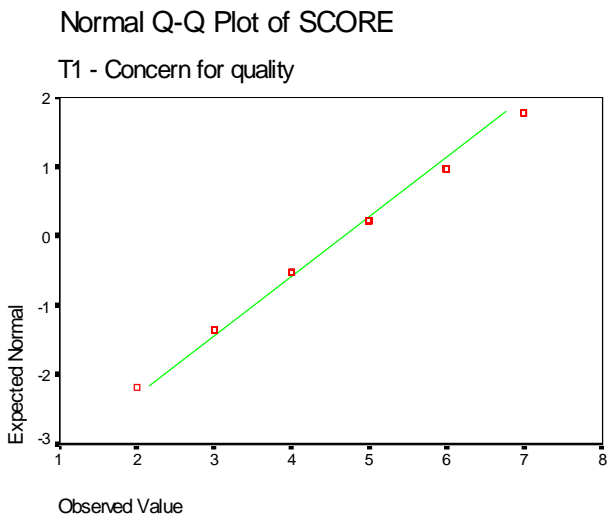
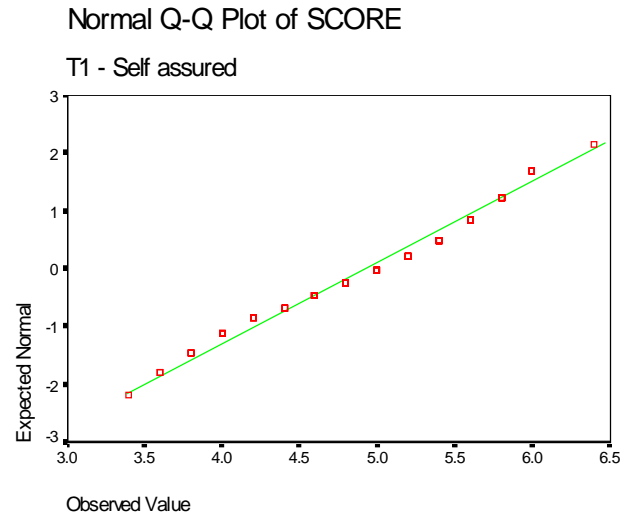
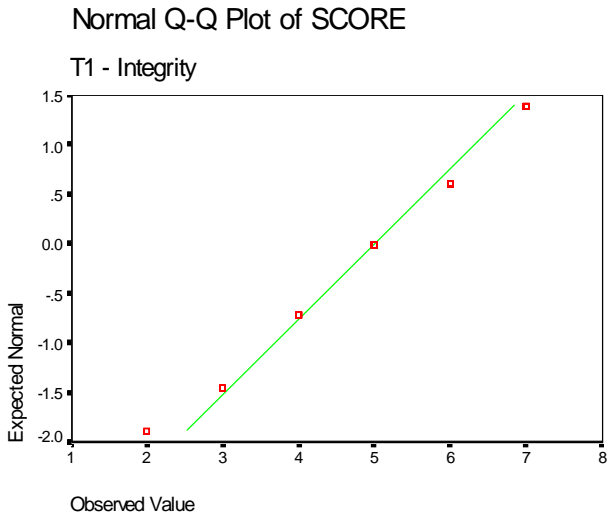
F2 - Methodical



Histogram

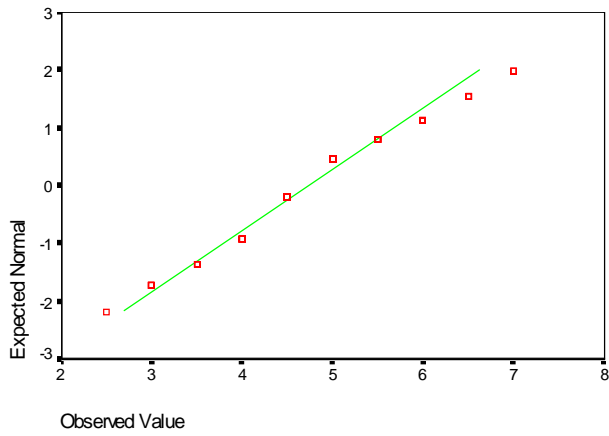
F2 - Technical





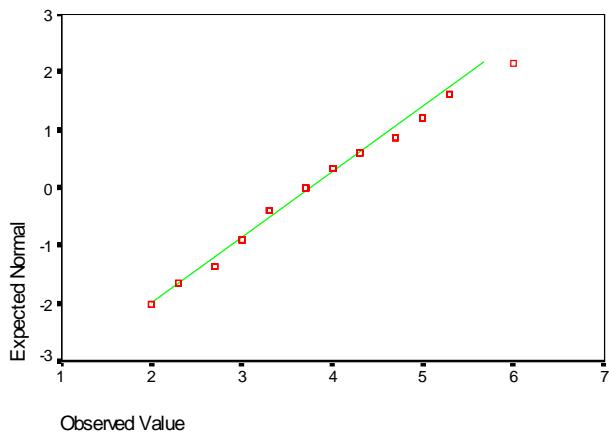
Normal Q-Q Plot of SCORE

T1 - Business orientated



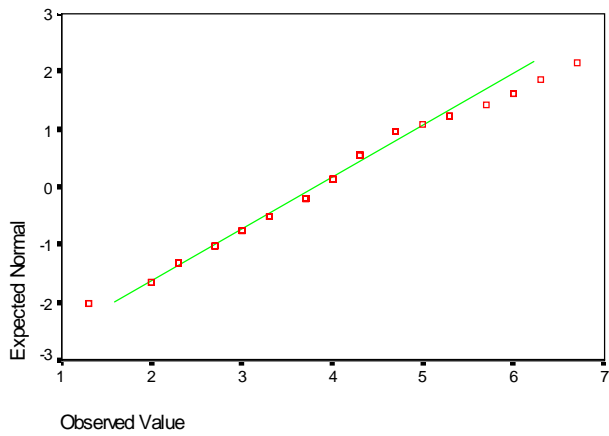
Normal Q-Q Plot of SCORE

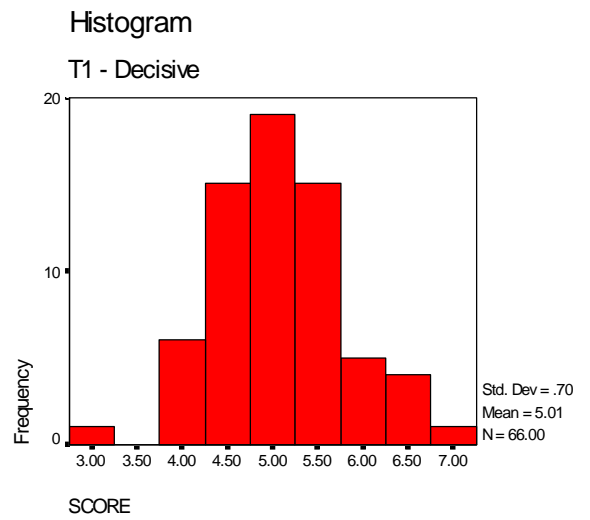
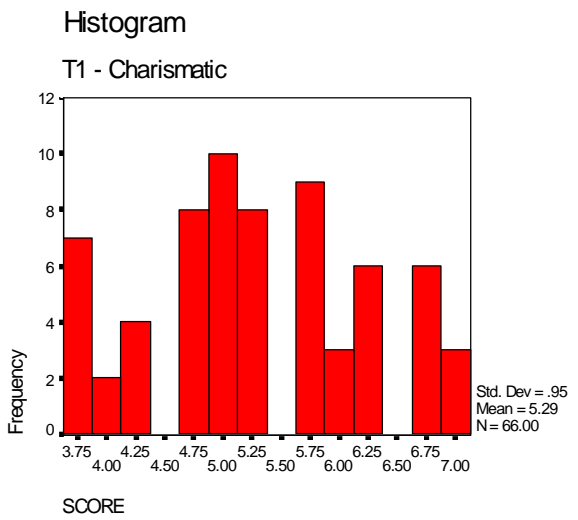
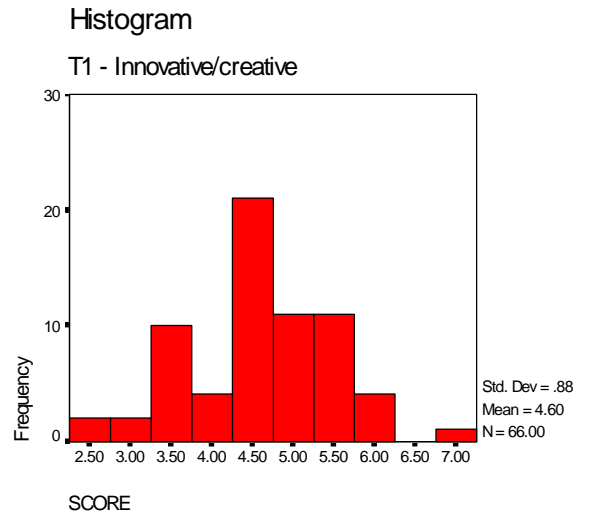
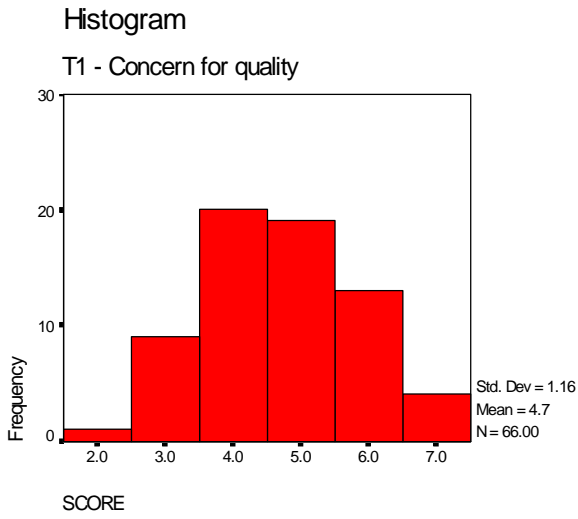
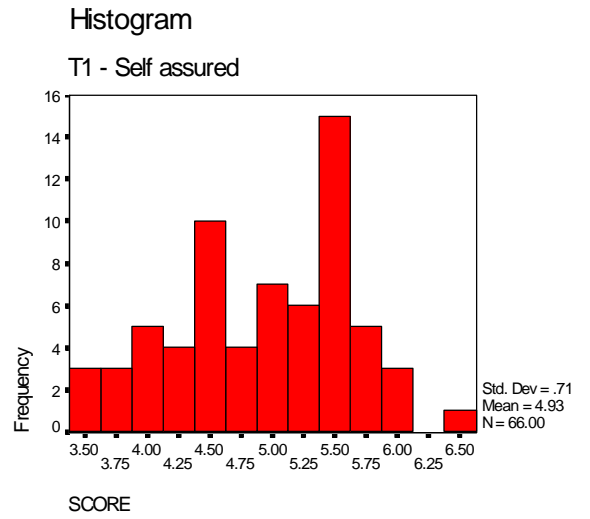
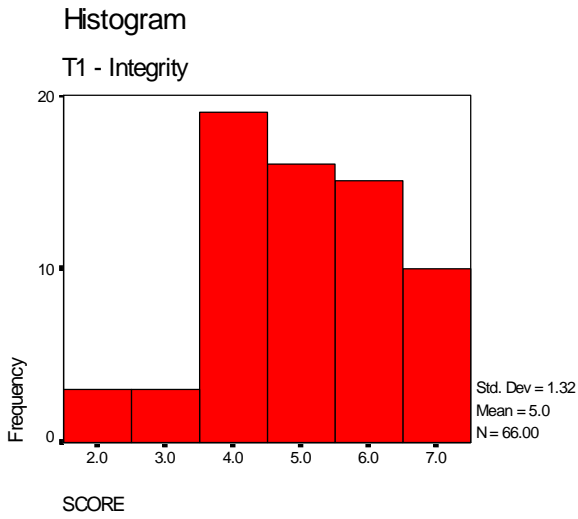
T1 - Methodical



Normal Q-Q Plot of SCORE

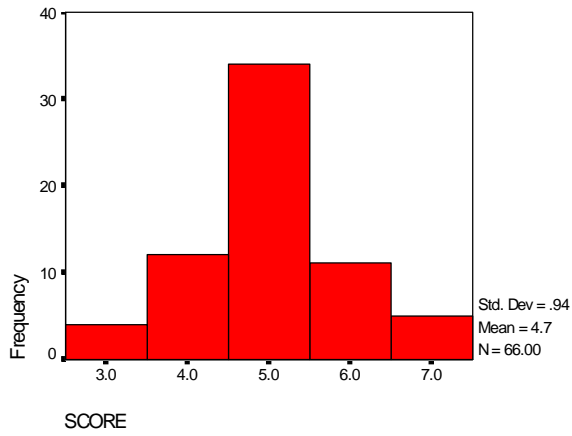
T1 - Technical





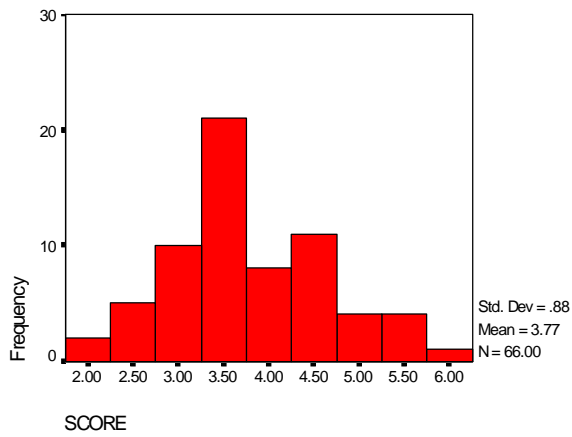
Histogram

T1 - Business orientated



Histogram

T1 - Methodical



Histogram

T1 - Technical

