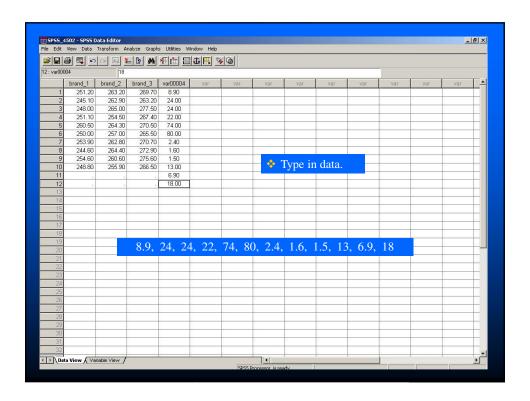


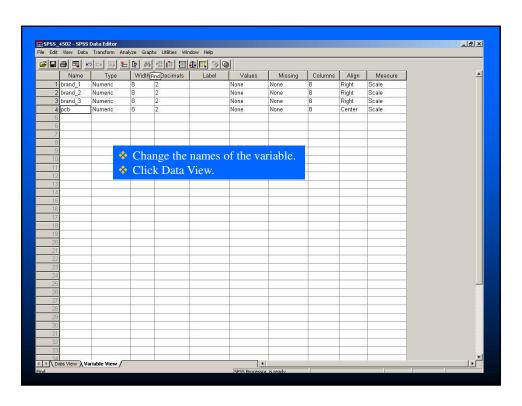
## NORMALITY TEST EXAMPLE

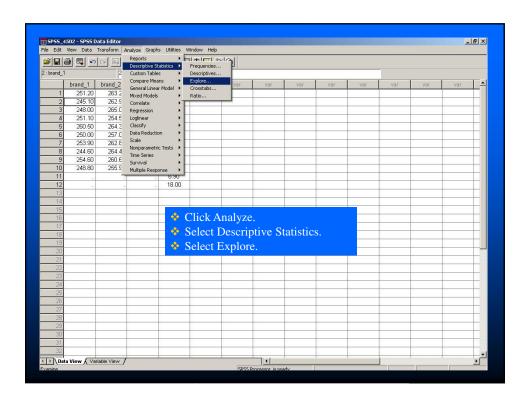
The following is a random sample of PCB (polychlorinated biphenyl) concentrations in an area:

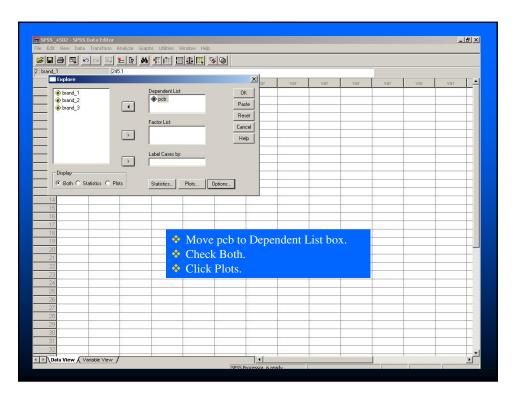
8.9, 24, 24, 22, 74, 80, 2.4, 1.6, 1.5, 13, 6.9, 18.

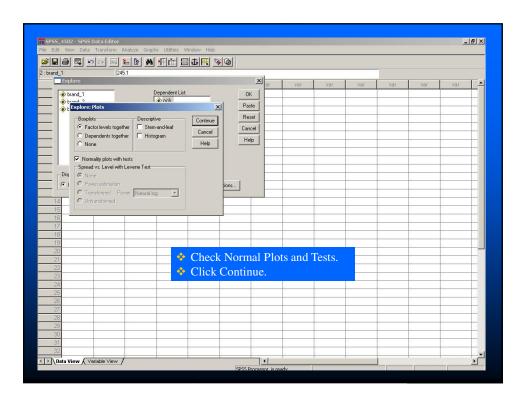
Question: Is it reasonable to assume that the distribution of the data is normal?

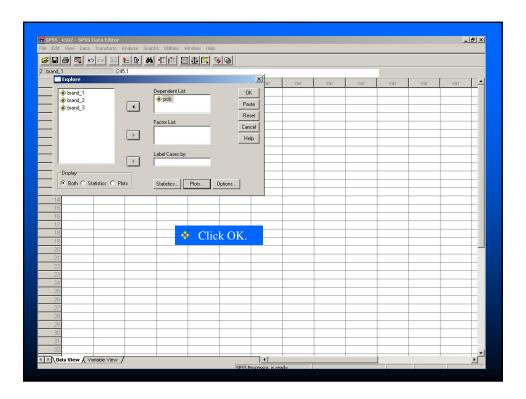


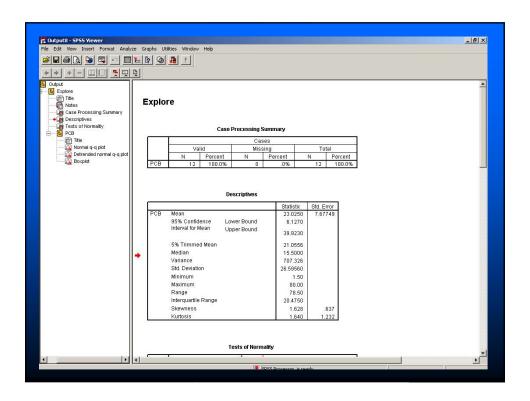


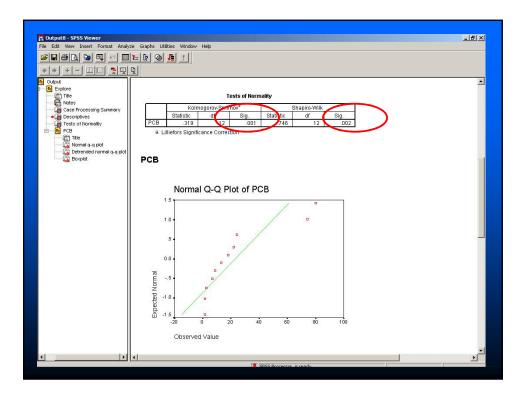


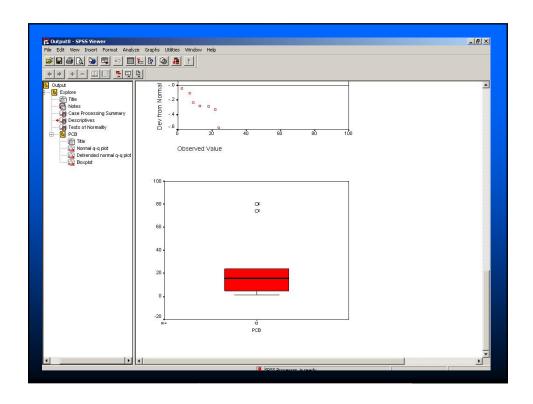














## PCB PROBLEM (REVISIT)

The following is a random sample of PCB (polychlorinated biphenyl) concentrations in an area:

8.9, 24, 24, 22, 74, 80, 2.4, 1.6, 1.5, 13, 6.9, 18.

## Question:

Is it reasonable to assume that the distribution of the log-transformed data is normal?

