

## Chapter 4: STATA Instructions

### **Instructions for Descriptive Statistics:**

1. Import or type the data into one column. (Click File/Import/Excel spreadsheet (\*xls,\*xlsx)/**file name**.) Check Import first row as variable names.
2. Click Statistics, Summary, tables, and tests, Summary and descriptive statistics, and Summary statistics.
3. In the Variables (leave empty for all variables) select Ages. Under Options select Display additional statistics.

### **Instructions for Least Square Line:**

1. Import or type the data into one column. (Click File/Import/Excel spreadsheet (\*xls,\*xlsx)/ **file name**.) Check Import first row as variable names.
2. Click Statistics, Linear models and related, and Linear regression.
3. Select Electrical costs as the Dependent variable: and in the Independent variables: box select Number of tools.

### **Instructions for Covariance and Coefficient of Correlation:**

1. Import or type the data into one column. (Click File/Import/Excel spreadsheet (\*xls,\*xlsx)/ **file name**.) Check Import first row as variable names.
2. Click Statistics, Summary, tables, and tests, Summary and descriptive statistics, and Correlations and Covariances.
3. In the Variables (leave empty for all): box select Number of tools, Electrical costs. Click OK.
4. To output the covariance, repeat steps 1–3 and click Options and check Display covariances.