

for each team member were sent to prof. Stevens who knows the correct answers (Appendix E), and Prof. Stevens sent back the score results for total teamwork KSA and subcategories (Appendix F). The WUE results were obtained by distributing the survey to team heads and other heads that are familiar with teamwork process and performance.

Descriptive Statistics and Regression analysis was conducted by the researcher for teamwork KSA score results and WUE results in order to measure any significant relationship between teamwork KSA and WUE. Also, other descriptive statistics and One-Way ANOVA test were used to test if team members' KSA results could change due to changes in their demographic variables.

### **3.4. Statistical Techniques in Data Analysis**

Descriptive and analytical statistical approaches have been followed to answer the research questions and testing the hypotheses. Mini tap software was selected to conduct statistical analysis and results. The following descriptive tools were used in this research:

- a- **Descriptive Statistics** to show the level of KSA results per individual and per team, also to show the level of team performance per team.
- b- **Box plots and descriptive statistics** to show if the results of team member KSA could change due to changes in demographic variables.
- c- **Fitted line plot** to show the correlation coefficient ( $r$ ) between the teamwork KSA and team performance.

The following analytical tools were used in this research: