1. **SPSS** Computation and Interpretation (Basic Statistics):

The Whitewater Trucking Company delivers freight in and about Southeast Wisconsin. The

number of tons of freight Whitewater Trucking Company has delivered the past 24 days is

shown in the following table.

a. Please summarize the data using the usual statistical measures for location (i.e., mean and

median; )

b. Please summarize the data using the usual statistical measures for variability (i.e., sample

standard deviation and sample variance)

c. Please report the standard error of the mean and illustrate its relationship with the sample

standard deviation.

**Table I. Whitewater Freight Delivered in Tons**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **45** | **39** | **41** | **46** | **44** | **44** | **41** | **43** |
| **40** | **40** | **43** | **37** | **46** | **46** | **46** | **43** |
| **44** | **37** | **43** | **35** | **48** | **48** | **46** | **44** |