| **Analysis Variable : weight** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **N** | **Mean** | **Std Dev** | **Std Error** | **t Value** | **Pr > |t|** |
| 15 | 1.6466667 | 0.2531704 | 0.0653683 | 25.19 | <.0001 |

| **Moments** | | | |
| --- | --- | --- | --- |
| **N** | 15 | **Sum Weights** | 15 |
| **Mean** | 1.64666667 | **Sum Observations** | 24.7 |
| **Std Deviation** | 0.25317037 | **Variance** | 0.06409524 |
| **Skewness** | 1.09630411 | **Kurtosis** | 2.72573796 |
| **Uncorrected SS** | 41.57 | **Corrected SS** | 0.89733333 |
| **Coeff Variation** | 15.374719 | **Std Error Mean** | 0.06536831 |

| **Basic Statistical Measures** | | | |
| --- | --- | --- | --- |
| **Location** | | **Variability** | |
| **Mean** | 1.646667 | **Std Deviation** | 0.25317 |
| **Median** | 1.600000 | **Variance** | 0.06410 |
| **Mode** | 1.600000 | **Range** | 1.10000 |
|  |  | **Interquartile Range** | 0.20000 |

| **Tests for Location: Mu0=0** | | | | |
| --- | --- | --- | --- | --- |
| **Test** | **Statistic** | | **p Value** | |
| **Student's t** | **t** | 25.1906 | **Pr > |t|** | <.0001 |
| **Sign** | **M** | 7.5 | **Pr >= |M|** | <.0001 |
| **Signed Rank** | **S** | 60 | **Pr >= |S|** | <.0001 |

| **Tests for Normality** | | | | |
| --- | --- | --- | --- | --- |
| **Test** | **Statistic** | | **p Value** | |
| **Shapiro-Wilk** | **W** | 0.884372 | **Pr < W** | 0.0552 |
| **Kolmogorov-Smirnov** | **D** | 0.239789 | **Pr > D** | 0.0205 |
| **Cramer-von Mises** | **W-Sq** | 0.17198 | **Pr > W-Sq** | 0.0101 |
| **Anderson-Darling** | **A-Sq** | 0.875499 | **Pr > A-Sq** | 0.0199 |

| **Quantiles (Definition 5)** | |
| --- | --- |
| **Level** | **Quantile** |
| **100% Max** | 2.3 |
| **99%** | 2.3 |
| **95%** | 2.3 |
| **90%** | 2.0 |
| **75% Q3** | 1.7 |
| **50% Median** | 1.6 |
| **25% Q1** | 1.5 |
| **10%** | 1.4 |
| **5%** | 1.2 |
| **1%** | 1.2 |
| **0% Min** | 1.2 |

| **Extreme Observations** | | | |
| --- | --- | --- | --- |
| **Lowest** | | **Highest** | |
| **Value** | **Obs** | **Value** | **Obs** |
| 1.2 | 11 | 1.7 | 1 |
| 1.4 | 12 | 1.7 | 10 |
| 1.5 | 9 | 1.8 | 8 |
| 1.5 | 3 | 2.0 | 4 |
| 1.6 | 15 | 2.3 | 5 |





| **Parameters for Normal Distribution** | | |
| --- | --- | --- |
| **Parameter** | **Symbol** | **Estimate** |
| **Mean** | Mu | 1.646667 |
| **Std Dev** | Sigma | 0.25317 |

| **Goodness-of-Fit Tests for Normal Distribution** | | | | |
| --- | --- | --- | --- | --- |
| **Test** | **Statistic** | | **p Value** | |
| **Kolmogorov-Smirnov** | **D** | 0.23978902 | **Pr > D** | 0.021 |
| **Cramer-von Mises** | **W-Sq** | 0.17197960 | **Pr > W-Sq** | 0.010 |
| **Anderson-Darling** | **A-Sq** | 0.87549869 | **Pr > A-Sq** | 0.020 |

| **Quantiles for Normal Distribution** | | |
| --- | --- | --- |
| **Percent** | **Quantile** | |
| **Observed** | **Estimated** |
| **1.0** | 1.20000 | 1.05770 |
| **5.0** | 1.20000 | 1.23024 |
| **10.0** | 1.40000 | 1.32222 |
| **25.0** | 1.50000 | 1.47591 |
| **50.0** | 1.60000 | 1.64667 |
| **75.0** | 1.70000 | 1.81743 |
| **90.0** | 2.00000 | 1.97112 |
| **95.0** | 2.30000 | 2.06309 |
| **99.0** | 2.30000 | 2.23563 |



| **N** | **Mean** | **Std Dev** | **Std Err** | **Minimum** | **Maximum** |
| --- | --- | --- | --- | --- | --- |
| 15 | 1.6467 | 0.2532 | 0.0654 | 1.2000 | 2.3000 |

| **Mean** | **95% CL Mean** | | **Std Dev** | **95% CL Std Dev** | |
| --- | --- | --- | --- | --- | --- |
| 1.6467 | 1.5065 | 1.7869 | 0.2532 | 0.1854 | 0.3993 |

| **DF** | **t Value** | **Pr > |t|** |
| --- | --- | --- |
| 14 | -2.35 | 0.0342 |





