**DATA HASIL ANALISIS MEAN DAN STANDAR DEVIASI**

**TOTAL S,T,E,M DAN STEM**

**Frequencies**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Statistics** | | | | | | |
|  | | TOTAL.S | TOTAL.T | TOTAL.E | TOTAL.M | TOTAL.STEM |
| N | Valid | 85 | 85 | 85 | 85 | 85 |
| Missing | 0 | 0 | 0 | 0 | 0 |
| Mean | | 26.04 | 27.32 | 28.31 | 22.56 | 29.60 |
| Std. Deviation | | 5.137 | 3.513 | 3.922 | 6.076 | 4.291 |
| Variance | | 26.392 | 12.338 | 15.382 | 36.915 | 18.410 |
| Range | | 39 | 17 | 21 | 31 | 23 |
| Minimum | | 1 | 18 | 19 | 8 | 17 |
| Maximum | | 40 | 35 | 40 | 39 | 40 |

**Frequency Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TOTAL.S** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 1 | 1 | 1.2 | 1.2 | 1.2 |
| 16 | 1 | 1.2 | 1.2 | 2.4 |
| 17 | 1 | 1.2 | 1.2 | 3.5 |
| 19 | 2 | 2.4 | 2.4 | 5.9 |
| 20 | 2 | 2.4 | 2.4 | 8.2 |
| 21 | 4 | 4.7 | 4.7 | 12.9 |
| 22 | 5 | 5.9 | 5.9 | 18.8 |
| 23 | 6 | 7.1 | 7.1 | 25.9 |
| 24 | 6 | 7.1 | 7.1 | 32.9 |
| 25 | 9 | 10.6 | 10.6 | 43.5 |
| 26 | 10 | 11.8 | 11.8 | 55.3 |
| 27 | 11 | 12.9 | 12.9 | 68.2 |
| 28 | 3 | 3.5 | 3.5 | 71.8 |
| 29 | 4 | 4.7 | 4.7 | 76.5 |
| 30 | 6 | 7.1 | 7.1 | 83.5 |
| 31 | 4 | 4.7 | 4.7 | 88.2 |
| 32 | 5 | 5.9 | 5.9 | 94.1 |
| 33 | 3 | 3.5 | 3.5 | 97.6 |
| 40 | 2 | 2.4 | 2.4 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

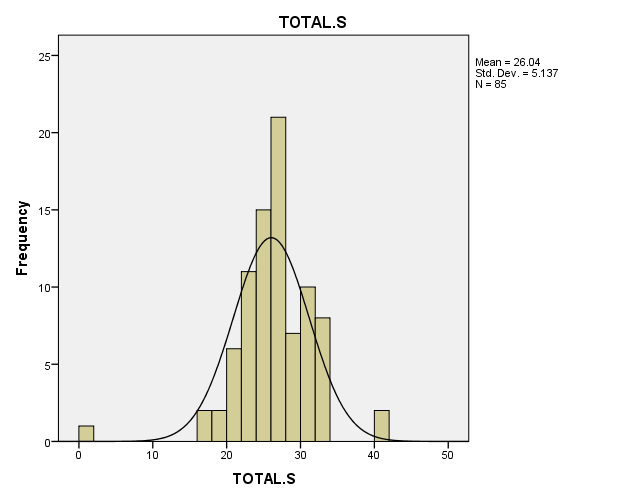
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TOTAL.T** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 18 | 1 | 1.2 | 1.2 | 1.2 |
| 20 | 1 | 1.2 | 1.2 | 2.4 |
| 21 | 1 | 1.2 | 1.2 | 3.5 |
| 22 | 1 | 1.2 | 1.2 | 4.7 |
| 23 | 4 | 4.7 | 4.7 | 9.4 |
| 24 | 11 | 12.9 | 12.9 | 22.4 |
| 25 | 8 | 9.4 | 9.4 | 31.8 |
| 26 | 10 | 11.8 | 11.8 | 43.5 |
| 27 | 11 | 12.9 | 12.9 | 56.5 |
| 28 | 10 | 11.8 | 11.8 | 68.2 |
| 29 | 7 | 8.2 | 8.2 | 76.5 |
| 30 | 5 | 5.9 | 5.9 | 82.4 |
| 31 | 2 | 2.4 | 2.4 | 84.7 |
| 32 | 4 | 4.7 | 4.7 | 89.4 |
| 33 | 4 | 4.7 | 4.7 | 94.1 |
| 34 | 2 | 2.4 | 2.4 | 96.5 |
| 35 | 3 | 3.5 | 3.5 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

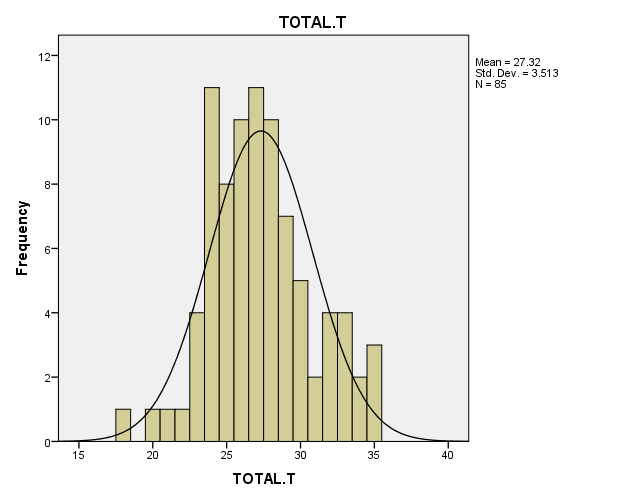
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TOTAL.E** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 19 | 2 | 2.4 | 2.4 | 2.4 |
| 20 | 1 | 1.2 | 1.2 | 3.5 |
| 21 | 1 | 1.2 | 1.2 | 4.7 |
| 22 | 2 | 2.4 | 2.4 | 7.1 |
| 23 | 2 | 2.4 | 2.4 | 9.4 |
| 24 | 5 | 5.9 | 5.9 | 15.3 |
| 25 | 5 | 5.9 | 5.9 | 21.2 |
| 26 | 7 | 8.2 | 8.2 | 29.4 |
| 27 | 11 | 12.9 | 12.9 | 42.4 |
| 28 | 10 | 11.8 | 11.8 | 54.1 |
| 29 | 8 | 9.4 | 9.4 | 63.5 |
| 30 | 7 | 8.2 | 8.2 | 71.8 |
| 31 | 8 | 9.4 | 9.4 | 81.2 |
| 32 | 4 | 4.7 | 4.7 | 85.9 |
| 33 | 5 | 5.9 | 5.9 | 91.8 |
| 34 | 2 | 2.4 | 2.4 | 94.1 |
| 35 | 2 | 2.4 | 2.4 | 96.5 |
| 36 | 2 | 2.4 | 2.4 | 98.8 |
| 40 | 1 | 1.2 | 1.2 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

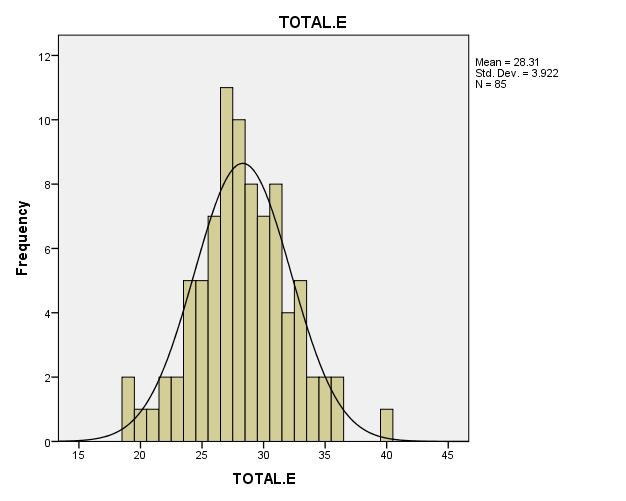
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TOTAL.M** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 8 | 1 | 1.2 | 1.2 | 1.2 |
| 9 | 2 | 2.4 | 2.4 | 3.5 |
| 12 | 2 | 2.4 | 2.4 | 5.9 |
| 14 | 4 | 4.7 | 4.7 | 10.6 |
| 15 | 5 | 5.9 | 5.9 | 16.5 |
| 16 | 2 | 2.4 | 2.4 | 18.8 |
| 17 | 2 | 2.4 | 2.4 | 21.2 |
| 19 | 8 | 9.4 | 9.4 | 30.6 |
| 20 | 1 | 1.2 | 1.2 | 31.8 |
| 21 | 6 | 7.1 | 7.1 | 38.8 |
| 22 | 5 | 5.9 | 5.9 | 44.7 |
| 23 | 8 | 9.4 | 9.4 | 54.1 |
| 24 | 6 | 7.1 | 7.1 | 61.2 |
| 25 | 6 | 7.1 | 7.1 | 68.2 |
| 26 | 4 | 4.7 | 4.7 | 72.9 |
| 27 | 7 | 8.2 | 8.2 | 81.2 |
| 28 | 4 | 4.7 | 4.7 | 85.9 |
| 29 | 3 | 3.5 | 3.5 | 89.4 |
| 30 | 3 | 3.5 | 3.5 | 92.9 |
| 31 | 1 | 1.2 | 1.2 | 94.1 |
| 32 | 1 | 1.2 | 1.2 | 95.3 |
| 33 | 2 | 2.4 | 2.4 | 97.6 |
| 35 | 1 | 1.2 | 1.2 | 98.8 |
| 39 | 1 | 1.2 | 1.2 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

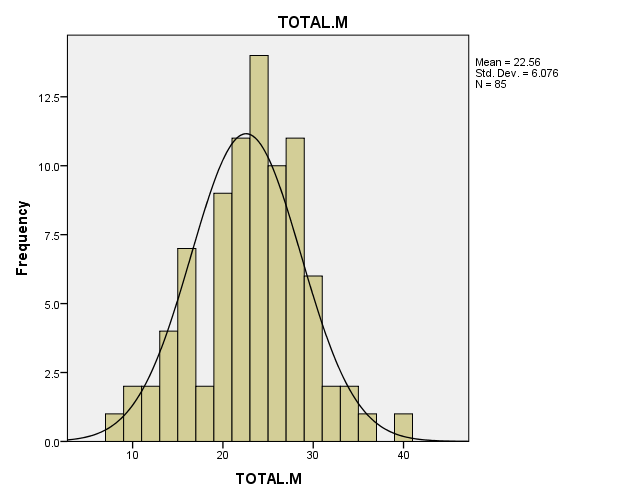
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TOTAL.STEM** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 17 | 1 | 1.2 | 1.2 | 1.2 |
| 19 | 1 | 1.2 | 1.2 | 2.4 |
| 20 | 1 | 1.2 | 1.2 | 3.5 |
| 23 | 3 | 3.5 | 3.5 | 7.1 |
| 24 | 4 | 4.7 | 4.7 | 11.8 |
| 25 | 1 | 1.2 | 1.2 | 12.9 |
| 26 | 5 | 5.9 | 5.9 | 18.8 |
| 27 | 7 | 8.2 | 8.2 | 27.1 |
| 28 | 13 | 15.3 | 15.3 | 42.4 |
| 29 | 8 | 9.4 | 9.4 | 51.8 |
| 30 | 6 | 7.1 | 7.1 | 58.8 |
| 31 | 10 | 11.8 | 11.8 | 70.6 |
| 32 | 4 | 4.7 | 4.7 | 75.3 |
| 33 | 4 | 4.7 | 4.7 | 80.0 |
| 34 | 8 | 9.4 | 9.4 | 89.4 |
| 35 | 1 | 1.2 | 1.2 | 90.6 |
| 36 | 3 | 3.5 | 3.5 | 94.1 |
| 37 | 3 | 3.5 | 3.5 | 97.6 |
| 39 | 1 | 1.2 | 1.2 | 98.8 |
| 40 | 1 | 1.2 | 1.2 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

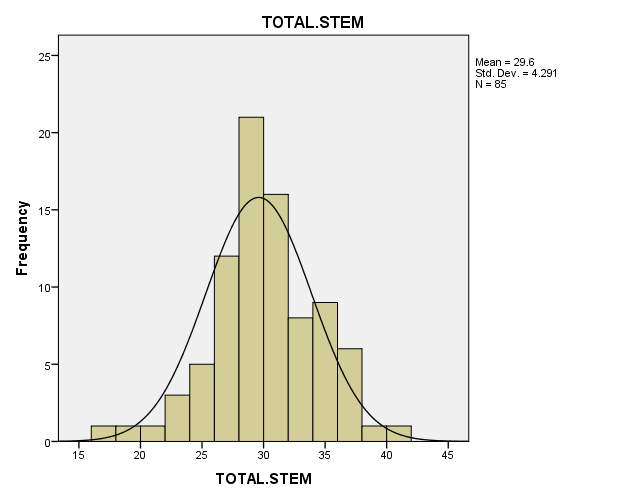
**Histogram**











**Descriptives**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Descriptive Statistics** | | | | | | | |
|  | N | Range | Minimum | Maximum | Mean | Std. Deviation | Variance |
| TOTAL.S | 85 | 39 | 1 | 40 | 26.04 | 5.137 | 26.392 |
| TOTAL.T | 85 | 17 | 18 | 35 | 27.32 | 3.513 | 12.338 |
| TOTAL.E | 85 | 21 | 19 | 40 | 28.31 | 3.922 | 15.382 |
| TOTAL.M | 85 | 31 | 8 | 39 | 22.56 | 6.076 | 36.915 |
| TOTAL.STEM | 85 | 23 | 17 | 40 | 29.60 | 4.291 | 18.410 |
| Valid N (listwise) | 85 |  |  |  |  |  |  |

**DATA ANALISIS MEAN DAN STANDAR DEVIASI**

**SCIENCE (S)**

**Frequencies**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Statistics** | | | | | | | | | |
|  | | S.1 | S.2 | S.3 | S.4 | S.5 | S.6 | S.7 | S.8 |
| N | Valid | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 |
| Missing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**Frequency Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.1** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 6 | 7.1 | 7.1 | 7.1 |
| TS | 12 | 14.1 | 14.1 | 21.2 |
| N | 47 | 55.3 | 55.3 | 76.5 |
| S | 15 | 17.6 | 17.6 | 94.1 |
| SS | 5 | 5.9 | 5.9 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.2** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 3 | 3.5 | 3.5 | 3.5 |
| TS | 23 | 27.1 | 27.1 | 30.6 |
| N | 43 | 50.6 | 50.6 | 81.2 |
| S | 13 | 15.3 | 15.3 | 96.5 |
| SS | 3 | 3.5 | 3.5 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.3** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 1 | 1.2 | 1.2 | 1.2 |
| TS | 11 | 12.9 | 12.9 | 14.1 |
| N | 42 | 49.4 | 49.4 | 63.5 |
| S | 27 | 31.8 | 31.8 | 95.3 |
| SS | 4 | 4.7 | 4.7 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.4** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 2 | 2.4 | 2.4 | 2.4 |
| TS | 8 | 9.4 | 9.4 | 11.8 |
| N | 23 | 27.1 | 27.1 | 38.8 |
| S | 36 | 42.4 | 42.4 | 81.2 |
| SS | 16 | 18.8 | 18.8 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

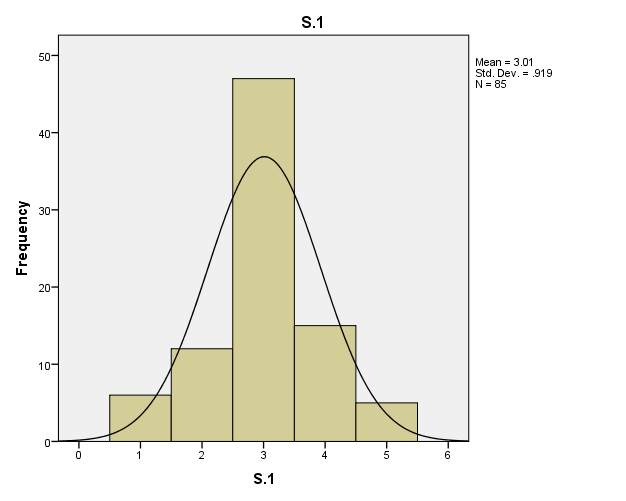
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.5** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 1 | 1.2 | 1.2 | 1.2 |
| TS | 7 | 8.2 | 8.2 | 9.4 |
| N | 30 | 35.3 | 35.3 | 44.7 |
| S | 28 | 32.9 | 32.9 | 77.6 |
| SS | 19 | 22.4 | 22.4 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

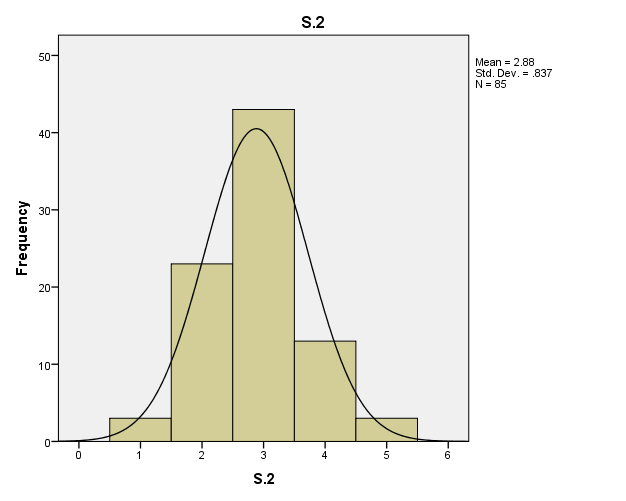
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.6** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 8 | 9.4 | 9.4 | 9.4 |
| TS | 28 | 32.9 | 32.9 | 42.4 |
| N | 35 | 41.2 | 41.2 | 83.5 |
| S | 11 | 12.9 | 12.9 | 96.5 |
| SS | 3 | 3.5 | 3.5 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

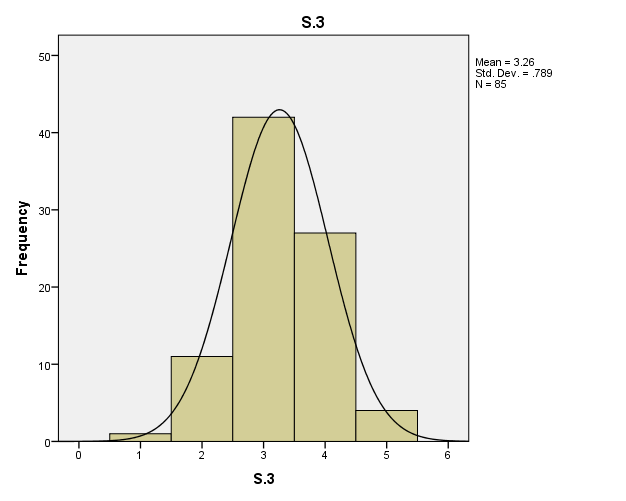
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.7** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 2 | 2.4 | 2.4 | 2.4 |
| TS | 3 | 3.5 | 3.5 | 5.9 |
| N | 35 | 41.2 | 41.2 | 47.1 |
| S | 28 | 32.9 | 32.9 | 80.0 |
| SS | 17 | 20.0 | 20.0 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

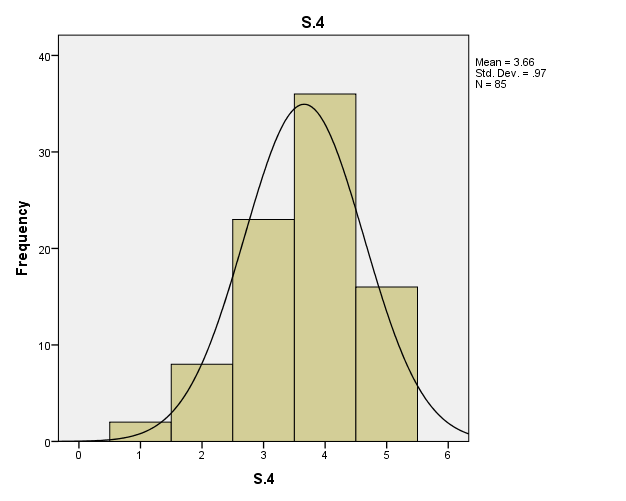
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.8** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 2 | 2.4 | 2.4 | 2.4 |
| TS | 4 | 4.7 | 4.7 | 7.1 |
| N | 54 | 63.5 | 63.5 | 70.6 |
| S | 16 | 18.8 | 18.8 | 89.4 |
| SS | 9 | 10.6 | 10.6 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

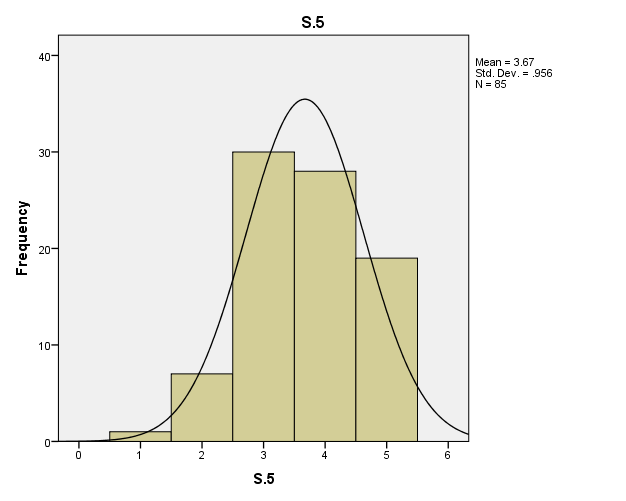
**Histogram**

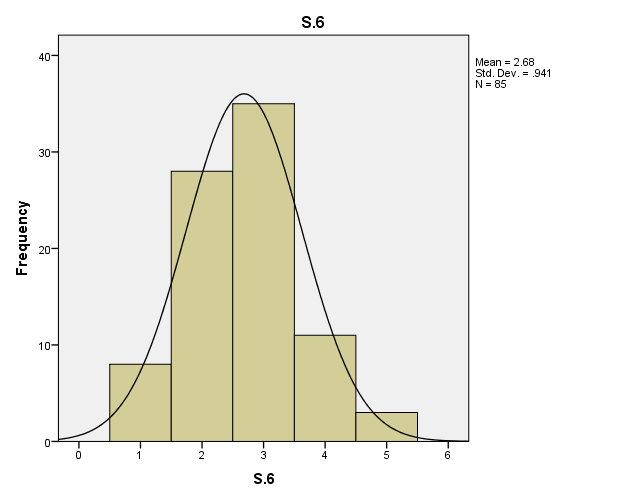


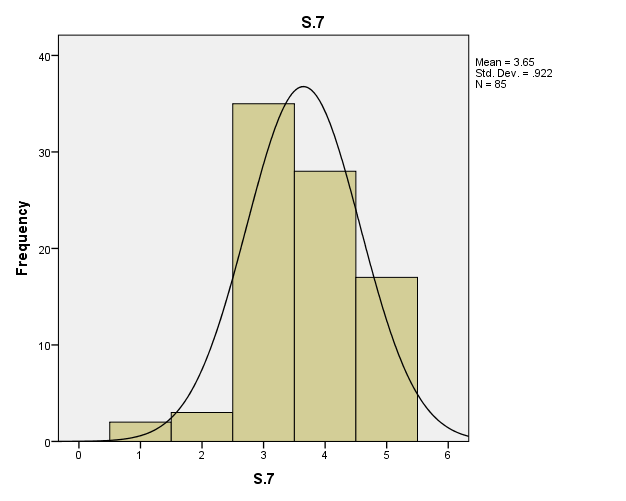


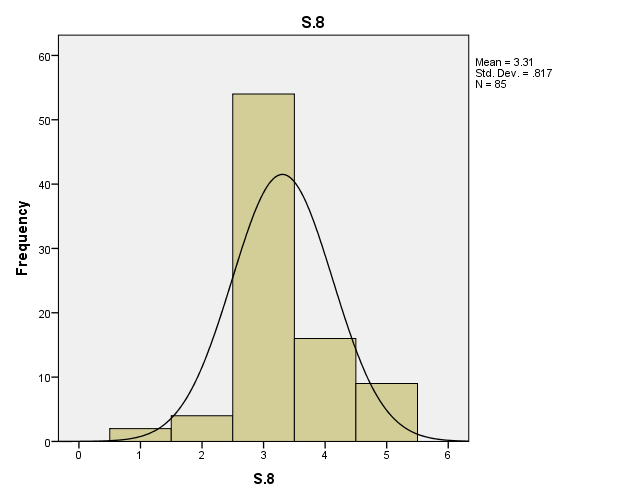












**DATA ANALISIS MEAN DAN STANDAR DEVIASI**

**TECHNOLOGY (T)**

**Frequencies**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Statistics** | | | | | | | | |
|  | | T.1 | T.2 | T.3 | T.4 | T.5 | T.6 | T.7 |
| N | Valid | 85 | 85 | 85 | 85 | 85 | 85 | 85 |
| Missing | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**Frequency Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **T.1** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 1 | 1.2 | 1.2 | 1.2 |
| TS | 2 | 2.4 | 2.4 | 3.5 |
| N | 23 | 27.1 | 27.1 | 30.6 |
| S | 28 | 32.9 | 32.9 | 63.5 |
| SS | 31 | 36.5 | 36.5 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **T.2** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 1 | 1.2 | 1.2 | 1.2 |
| TS | 14 | 16.5 | 16.5 | 17.6 |
| N | 35 | 41.2 | 41.2 | 58.8 |
| S | 26 | 30.6 | 30.6 | 89.4 |
| SS | 9 | 10.6 | 10.6 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **T.3** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 2 | 2.4 | 2.4 | 2.4 |
| TS | 2 | 2.4 | 2.4 | 4.7 |
| N | 31 | 36.5 | 36.5 | 41.2 |
| S | 36 | 42.4 | 42.4 | 83.5 |
| SS | 14 | 16.5 | 16.5 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

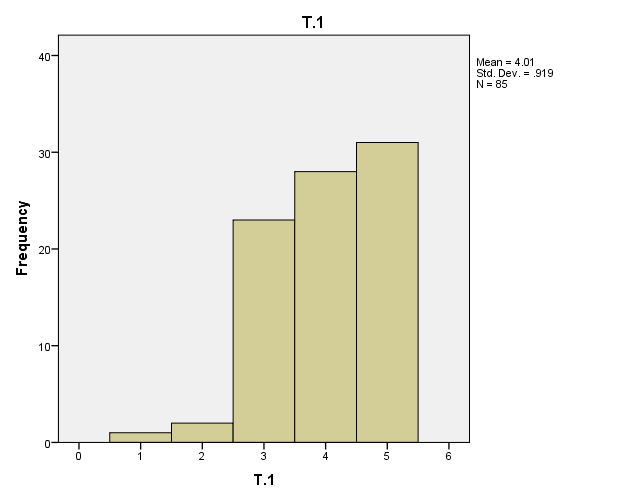
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **T.4** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | TS | 2 | 2.4 | 2.4 | 2.4 |
| N | 21 | 24.7 | 24.7 | 27.1 |
| S | 38 | 44.7 | 44.7 | 71.8 |
| SS | 24 | 28.2 | 28.2 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

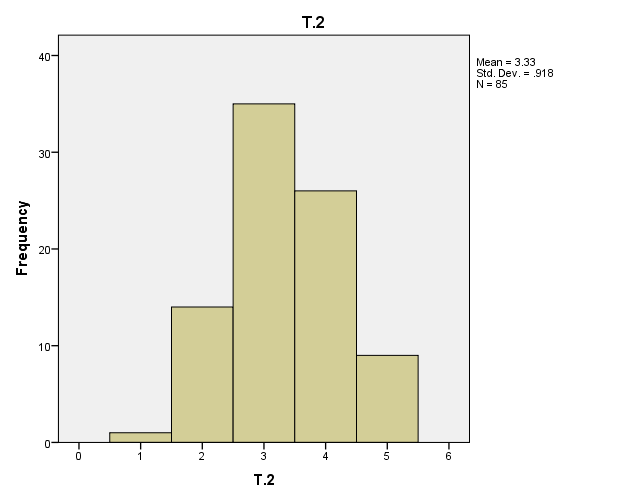
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **T.5** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 1 | 1.2 | 1.2 | 1.2 |
| TS | 9 | 10.6 | 10.6 | 11.8 |
| N | 37 | 43.5 | 43.5 | 55.3 |
| S | 17 | 20.0 | 20.0 | 75.3 |
| SS | 21 | 24.7 | 24.7 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

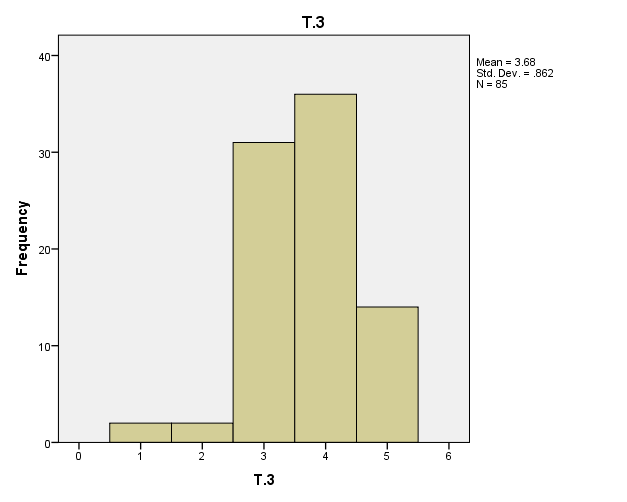
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **T.6** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 1 | 1.2 | 1.2 | 1.2 |
| N | 14 | 16.5 | 16.5 | 17.6 |
| S | 30 | 35.3 | 35.3 | 52.9 |
| SS | 40 | 47.1 | 47.1 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

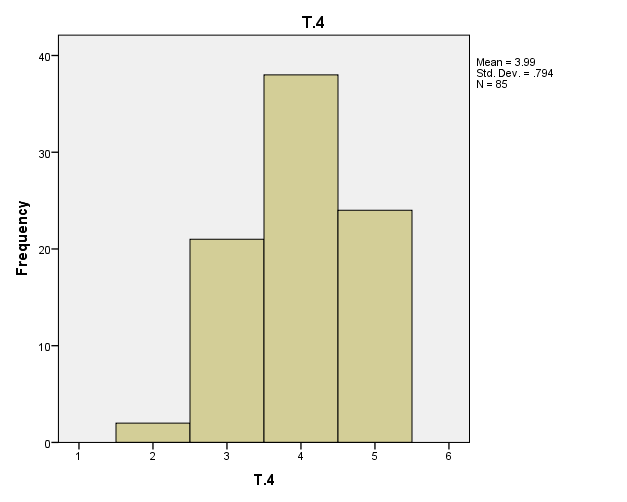
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **T.7** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | TS | 2 | 2.4 | 2.4 | 2.4 |
| N | 9 | 10.6 | 10.6 | 12.9 |
| S | 21 | 24.7 | 24.7 | 37.6 |
| SS | 53 | 62.4 | 62.4 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

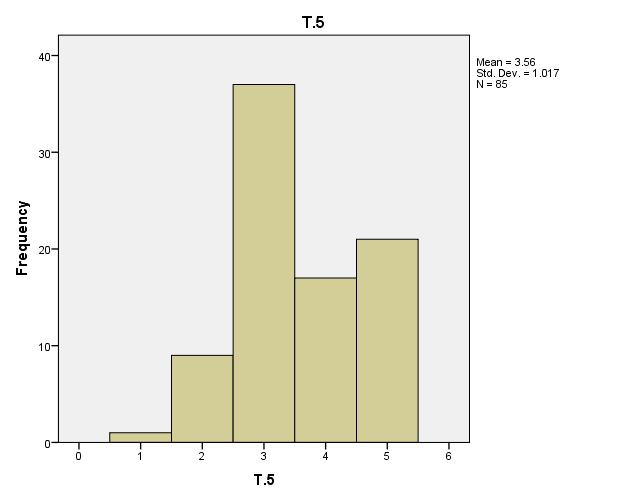
**Histogram**

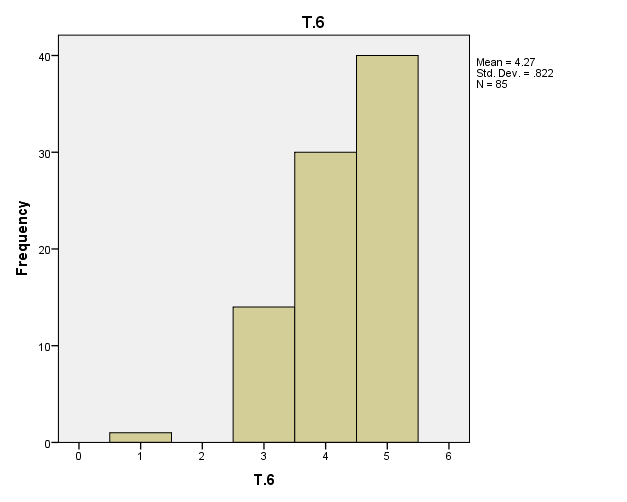


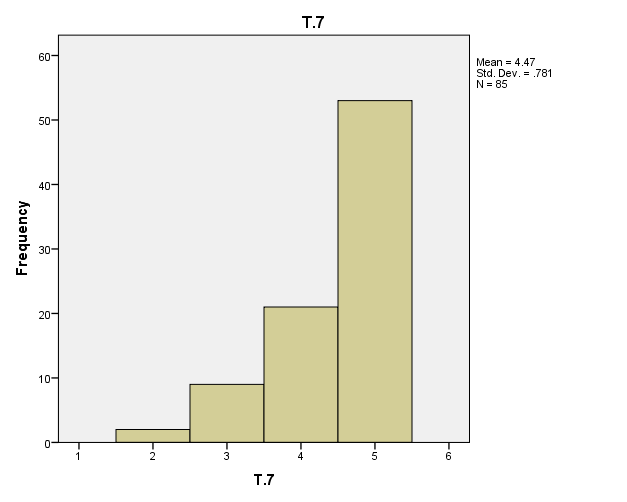












**DATA ANALISIS MEAN DAN STANDAR DEVIASI**

**ENGINEERING (E)**

**Frequencies**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Statistics** | | | | | | | | | |
|  | | E.1 | E.2 | E.3 | E.4 | E.5 | E.6 | E.7 | E.8 |
| N | Valid | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 |
| Missing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**Frequency Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **E.1** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 1 | 1.2 | 1.2 | 1.2 |
| TS | 9 | 10.6 | 10.6 | 11.8 |
| N | 41 | 48.2 | 48.2 | 60.0 |
| S | 22 | 25.9 | 25.9 | 85.9 |
| SS | 12 | 14.1 | 14.1 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **E.2** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | TS | 6 | 7.1 | 7.1 | 7.1 |
| N | 34 | 40.0 | 40.0 | 47.1 |
| S | 38 | 44.7 | 44.7 | 91.8 |
| SS | 7 | 8.2 | 8.2 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **E.3** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 1 | 1.2 | 1.2 | 1.2 |
| TS | 6 | 7.1 | 7.1 | 8.2 |
| N | 31 | 36.5 | 36.5 | 44.7 |
| S | 34 | 40.0 | 40.0 | 84.7 |
| SS | 13 | 15.3 | 15.3 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **E.4** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | TS | 11 | 12.9 | 12.9 | 12.9 |
| N | 38 | 44.7 | 44.7 | 57.6 |
| S | 29 | 34.1 | 34.1 | 91.8 |
| SS | 7 | 8.2 | 8.2 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

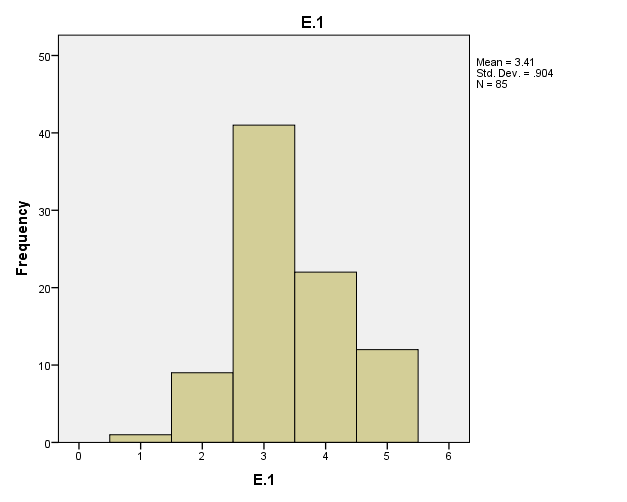
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **E.5** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 1 | 1.2 | 1.2 | 1.2 |
| TS | 16 | 18.8 | 18.8 | 20.0 |
| N | 45 | 52.9 | 52.9 | 72.9 |
| S | 16 | 18.8 | 18.8 | 91.8 |
| SS | 7 | 8.2 | 8.2 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

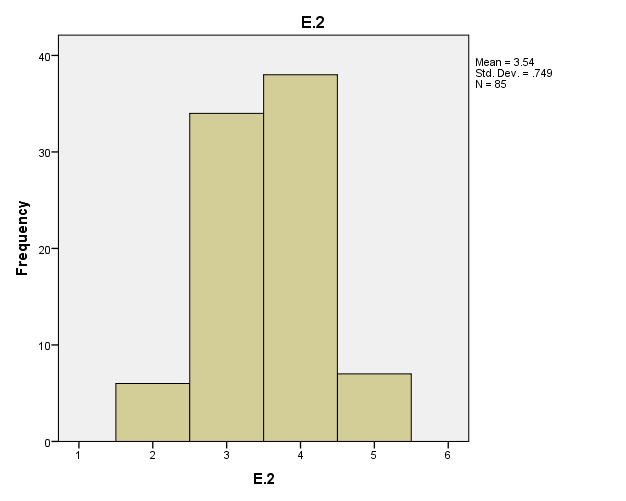
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **E.6** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 2 | 2.4 | 2.4 | 2.4 |
| TS | 6 | 7.1 | 7.1 | 9.4 |
| N | 30 | 35.3 | 35.3 | 44.7 |
| S | 27 | 31.8 | 31.8 | 76.5 |
| SS | 20 | 23.5 | 23.5 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

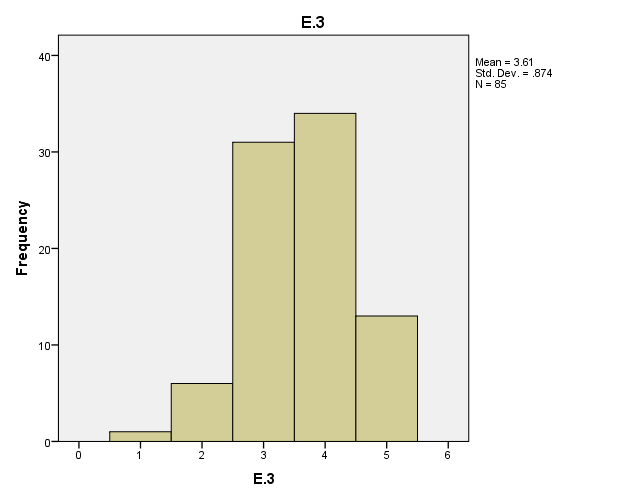
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **E.7** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 1 | 1.2 | 1.2 | 1.2 |
| TS | 7 | 8.2 | 8.2 | 9.4 |
| N | 44 | 51.8 | 51.8 | 61.2 |
| S | 23 | 27.1 | 27.1 | 88.2 |
| SS | 10 | 11.8 | 11.8 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

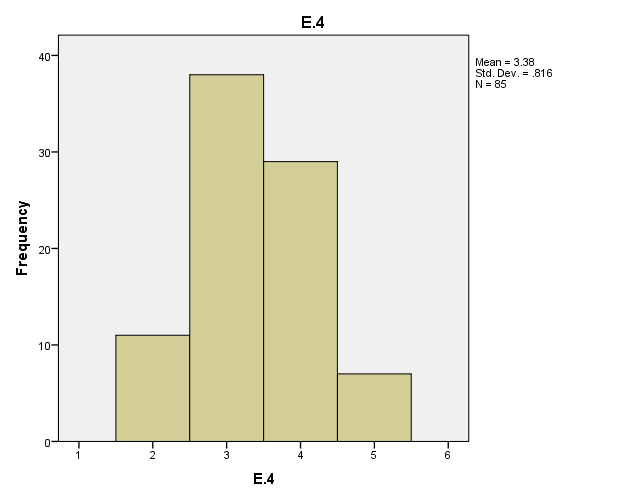
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **E.8** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | TS | 4 | 4.7 | 4.7 | 4.7 |
| N | 12 | 14.1 | 14.1 | 18.8 |
| S | 36 | 42.4 | 42.4 | 61.2 |
| SS | 33 | 38.8 | 38.8 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

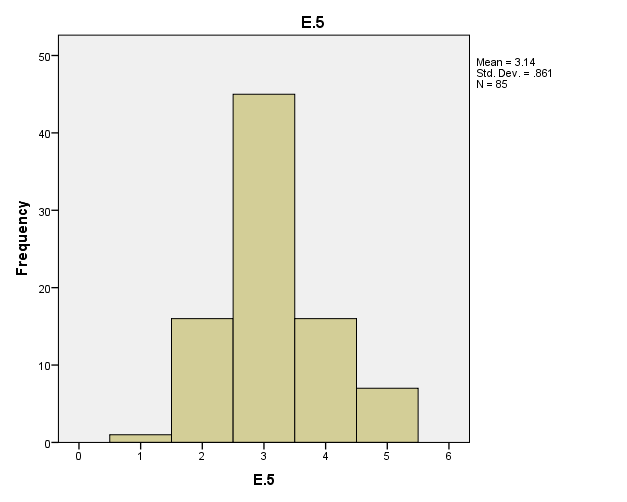
**Histogram**

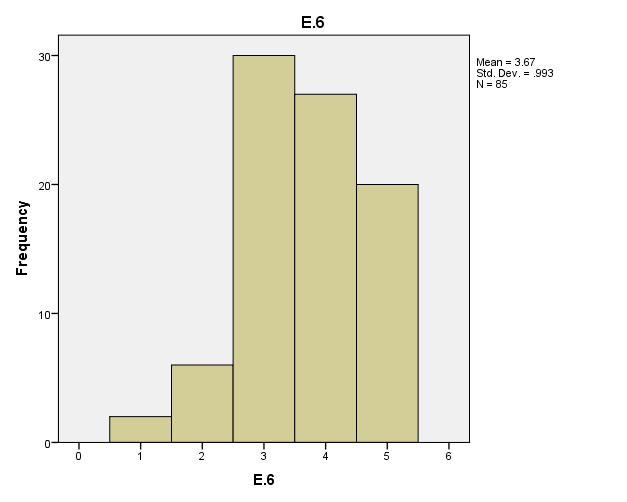


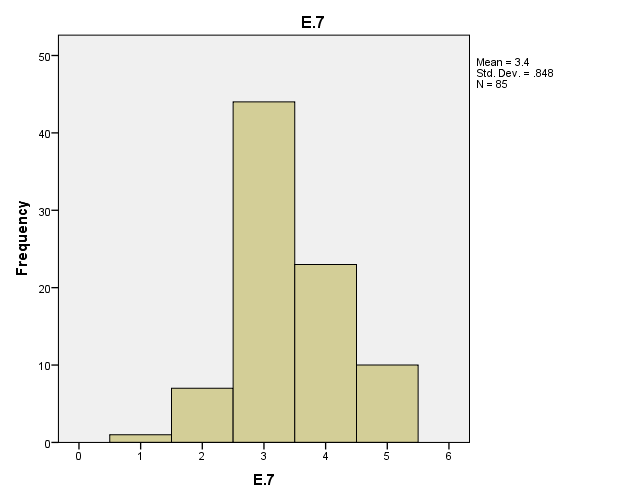


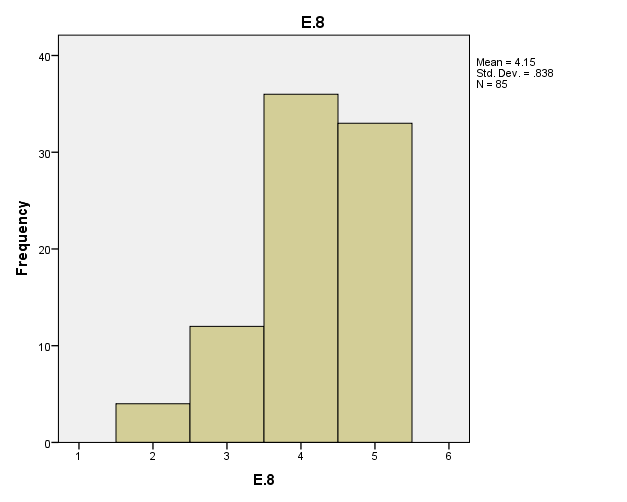












**DATA ANALISIS MEAN DAN STANDAR DEVIASI**

**MATHEMATICS (M)**

**Frequencies**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Statistics** | | | | | | | | | |
|  | | M.1 | M.2 | M.3 | M.4 | M.5 | M.6 | M.7 | M.8 |
| N | Valid | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 |
| Missing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**Frequency Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **M.1** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 18 | 21.2 | 21.2 | 21.2 |
| TS | 17 | 20.0 | 20.0 | 41.2 |
| N | 35 | 41.2 | 41.2 | 82.4 |
| S | 8 | 9.4 | 9.4 | 91.8 |
| SS | 7 | 8.2 | 8.2 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **M.2** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 11 | 12.9 | 12.9 | 12.9 |
| TS | 22 | 25.9 | 25.9 | 38.8 |
| N | 42 | 49.4 | 49.4 | 88.2 |
| S | 8 | 9.4 | 9.4 | 97.6 |
| SS | 2 | 2.4 | 2.4 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **M.3** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 14 | 16.5 | 16.5 | 16.5 |
| TS | 18 | 21.2 | 21.2 | 37.6 |
| N | 39 | 45.9 | 45.9 | 83.5 |
| S | 12 | 14.1 | 14.1 | 97.6 |
| SS | 2 | 2.4 | 2.4 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **M.4** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 7 | 8.2 | 8.2 | 8.2 |
| TS | 17 | 20.0 | 20.0 | 28.2 |
| N | 45 | 52.9 | 52.9 | 81.2 |
| S | 15 | 17.6 | 17.6 | 98.8 |
| SS | 1 | 1.2 | 1.2 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

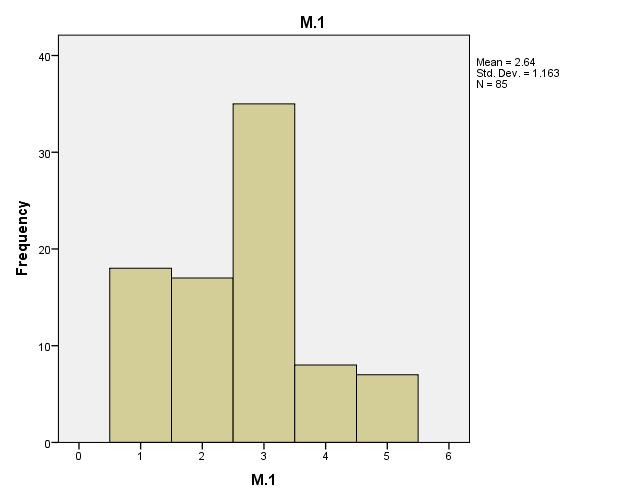
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **M.5** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 13 | 15.3 | 15.3 | 15.3 |
| TS | 22 | 25.9 | 25.9 | 41.2 |
| N | 36 | 42.4 | 42.4 | 83.5 |
| S | 13 | 15.3 | 15.3 | 98.8 |
| SS | 1 | 1.2 | 1.2 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

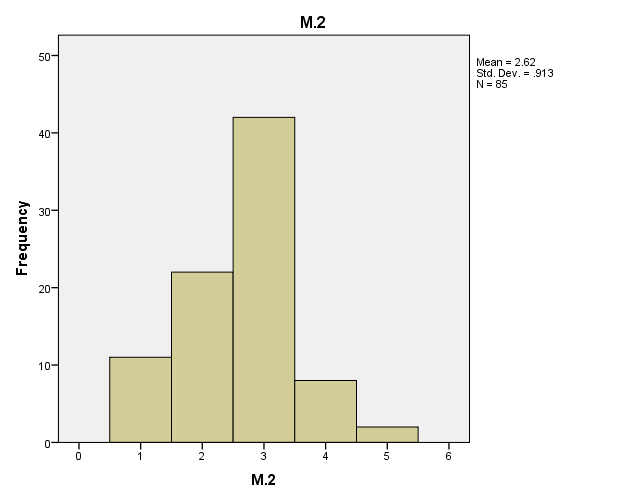
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **M.6** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 9 | 10.6 | 10.6 | 10.6 |
| TS | 14 | 16.5 | 16.5 | 27.1 |
| N | 40 | 47.1 | 47.1 | 74.1 |
| S | 19 | 22.4 | 22.4 | 96.5 |
| SS | 3 | 3.5 | 3.5 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

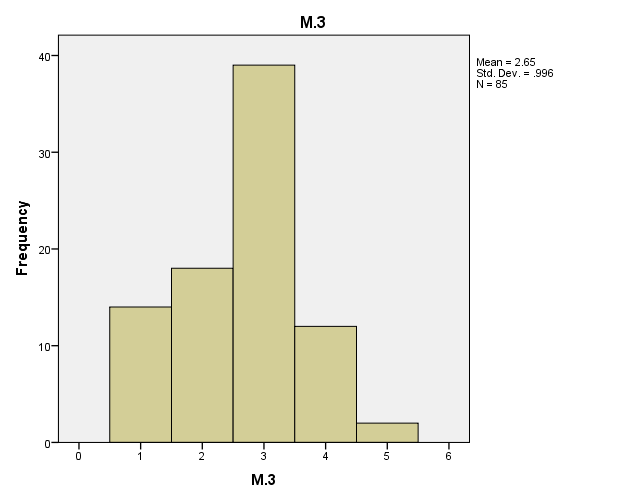
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **M.7** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 9 | 10.6 | 10.6 | 10.6 |
| TS | 13 | 15.3 | 15.3 | 25.9 |
| N | 28 | 32.9 | 32.9 | 58.8 |
| S | 20 | 23.5 | 23.5 | 82.4 |
| SS | 15 | 17.6 | 17.6 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

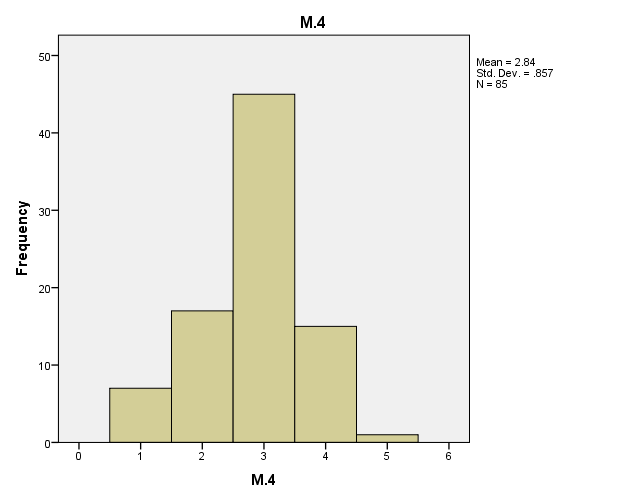
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **M.8** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 8 | 9.4 | 9.4 | 9.4 |
| TS | 15 | 17.6 | 17.6 | 27.1 |
| N | 30 | 35.3 | 35.3 | 62.4 |
| S | 27 | 31.8 | 31.8 | 94.1 |
| SS | 5 | 5.9 | 5.9 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

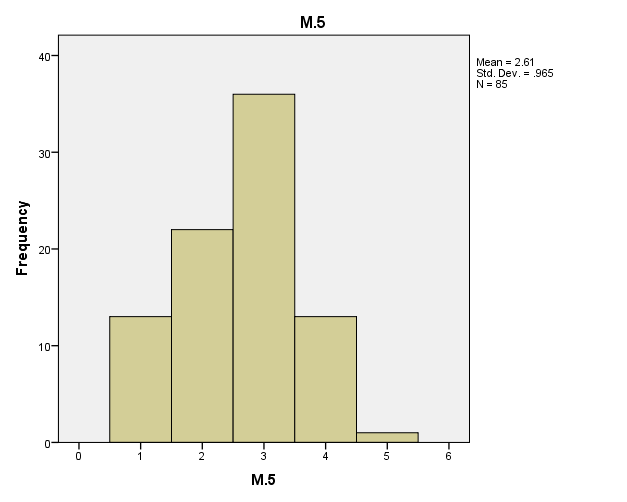
**Histogram**

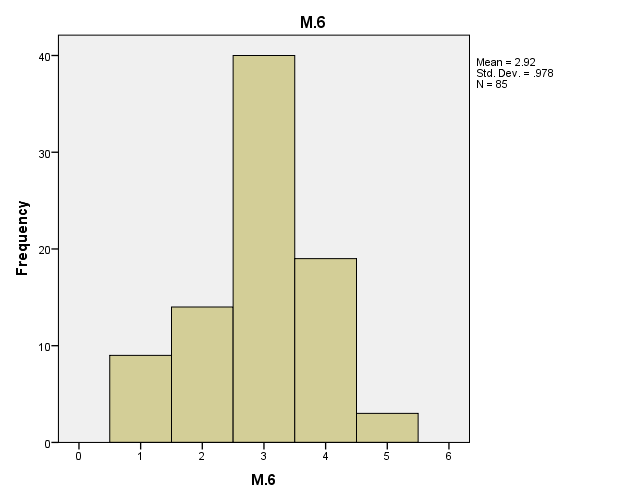


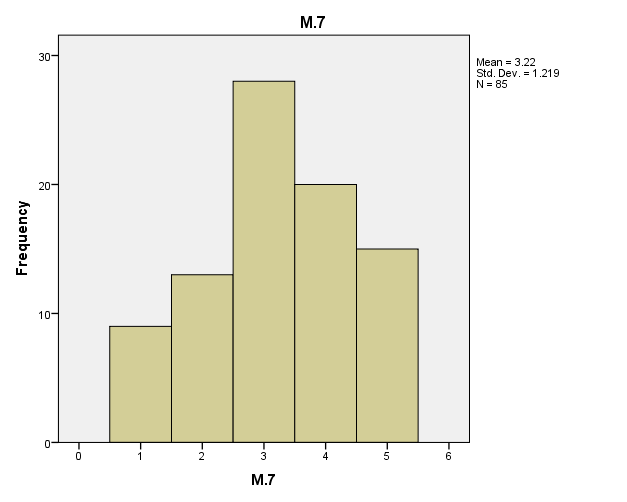


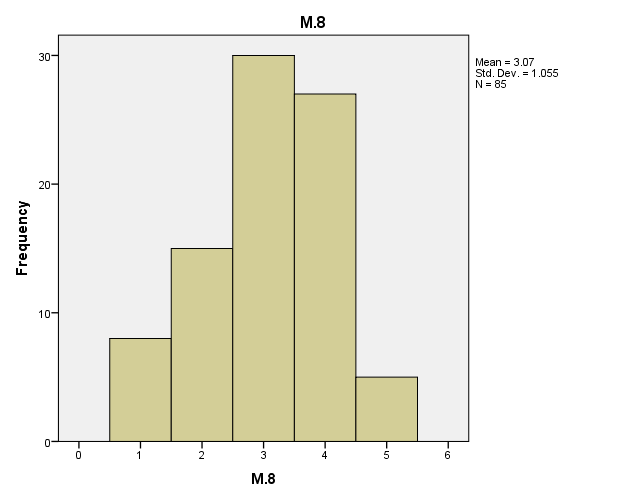












**DATA ANALISIS MEAN DAN STANDAR DEVIASI**

**STEM**

**Frequencies**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Statistics** | | | | | | | | | |
|  | | STEM.8 | STEM.7 | STEM.6 | STEM.5 | STEM.4 | STEM.3 | STEM.2 | STEM.1 |
| N | Valid | 85 | 85 | 85 | 85 | 85 | 85 | 85 | 85 |
| Missing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

**Frequency Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **STEM.8** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | TS | 10 | 11.8 | 11.8 | 11.8 |
| N | 28 | 32.9 | 32.9 | 44.7 |
| S | 32 | 37.6 | 37.6 | 82.4 |
| SS | 15 | 17.6 | 17.6 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **STEM.7** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 6 | 7.1 | 7.1 | 7.1 |
| TS | 12 | 14.1 | 14.1 | 21.2 |
| N | 45 | 52.9 | 52.9 | 74.1 |
| S | 13 | 15.3 | 15.3 | 89.4 |
| SS | 9 | 10.6 | 10.6 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **STEM.6** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 1 | 1.2 | 1.2 | 1.2 |
| TS | 7 | 8.2 | 8.2 | 9.4 |
| N | 35 | 41.2 | 41.2 | 50.6 |
| S | 30 | 35.3 | 35.3 | 85.9 |
| SS | 12 | 14.1 | 14.1 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **STEM.5** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 1 | 1.2 | 1.2 | 1.2 |
| TS | 3 | 3.5 | 3.5 | 4.7 |
| N | 27 | 31.8 | 31.8 | 36.5 |
| S | 43 | 50.6 | 50.6 | 87.1 |
| SS | 11 | 12.9 | 12.9 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **STEM.4** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | TS | 1 | 1.2 | 1.2 | 1.2 |
| N | 27 | 31.8 | 31.8 | 32.9 |
| S | 40 | 47.1 | 47.1 | 80.0 |
| SS | 17 | 20.0 | 20.0 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **STEM.3** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 1 | 1.2 | 1.2 | 1.2 |
| TS | 1 | 1.2 | 1.2 | 2.4 |
| N | 15 | 17.6 | 17.6 | 20.0 |
| S | 38 | 44.7 | 44.7 | 64.7 |
| SS | 30 | 35.3 | 35.3 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **STEM.2** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | STS | 1 | 1.2 | 1.2 | 1.2 |
| TS | 1 | 1.2 | 1.2 | 2.4 |
| N | 37 | 43.5 | 43.5 | 45.9 |
| S | 26 | 30.6 | 30.6 | 76.5 |
| SS | 20 | 23.5 | 23.5 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **STEM.1** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | TS | 1 | 1.2 | 1.2 | 1.2 |
| N | 24 | 28.2 | 28.2 | 29.4 |
| S | 38 | 44.7 | 44.7 | 74.1 |
| SS | 22 | 25.9 | 25.9 | 100.0 |
| Total | 85 | 100.0 | 100.0 |  |

**Histogram**

