***Lampiran 9***

1. Uji realibilitas

|  |  |  |
| --- | --- | --- |
| **Reliability Statistics** | | |
| Cronbach's Alpha | Cronbach's Alpha Based on Standardized Items | N of Items |
| ,645 | ,560 | 21 |

1. Deskripsi data pretest eksperimen

|  |  |  |
| --- | --- | --- |
| **Statistics** | | |
| EKSPERIMEN | | |
| N | Valid | 15 |
| Missing | 0 |
| Mean | | 58.6667 |
| Median | | 60.0000 |
| Mode | | 65.00 |
| Std. Deviation | | 8.54958 |
| Variance | | 73.095 |
| Range | | 25.00 |
| Minimum | | 45.00 |
| Maximum | | 70.00 |
| Sum | | 880.00 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **EKSPERIMEN** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 45.00 | 3 | 20.0 | 20.0 | 20.0 |
| 55.00 | 3 | 20.0 | 20.0 | 40.0 |
| 60.00 | 3 | 20.0 | 20.0 | 60.0 |
| 65.00 | 4 | 26.7 | 26.7 | 86.7 |
| 70.00 | 2 | 13.3 | 13.3 | 100.0 |
| Total | 15 | 100.0 | 100.0 |  |

1. DATA PRETES KONTROL

|  |  |  |
| --- | --- | --- |
| **Statistics** | | |
| KONTROL | | |
| N | Valid | 18 |
| Missing | 0 |
| Mean | | 53.0556 |
| Median | | 55.0000 |
| Mode | | 45.00a |
| Std. Deviation | | 9.57000 |
| Variance | | 91.585 |
| Range | | 30.00 |
| Minimum | | 35.00 |
| Maximum | | 65.00 |
| Sum | | 955.00 |
| a. Multiple modes exist. The smallest value is shown | | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **KONTROL** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 35.00 | 2 | 11.1 | 11.1 | 11.1 |
| 45.00 | 4 | 22.2 | 22.2 | 33.3 |
| 50.00 | 1 | 5.6 | 5.6 | 38.9 |
| 55.00 | 4 | 22.2 | 22.2 | 61.1 |
| 60.00 | 4 | 22.2 | 22.2 | 83.3 |
| 65.00 | 3 | 16.7 | 16.7 | 100.0 |
| Total | 18 | 100.0 | 100.0 |  |

1. POSTTEST EKPERIMEN

|  |  |  |
| --- | --- | --- |
| **Statistics** | | |
| EKSPERIMEN | | |
| N | Valid | 15 |
| Missing | 0 |
| Mean | | 78,0000 |
| Median | | 75,0000 |
| Mode | | 75,00 |
| Std. Deviation | | 9,96422 |
| Variance | | 99,286 |
| Range | | 30,00 |
| Minimum | | 65,00 |
| Maximum | | 95,00 |
| Sum | | 1170,00 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **EKSPERIMEN** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 65,00 | 2 | 13,3 | 13,3 | 13,3 |
| 70,00 | 3 | 20,0 | 20,0 | 33,3 |
| 75,00 | 4 | 26,7 | 26,7 | 60,0 |
| 80,00 | 1 | 6,7 | 6,7 | 66,7 |
| 85,00 | 2 | 13,3 | 13,3 | 80,0 |
| 90,00 | 1 | 6,7 | 6,7 | 86,7 |
| 95,00 | 2 | 13,3 | 13,3 | 100,0 |
| Total | 15 | 100,0 | 100,0 |  |

1. POSTES KONTROL

|  |  |  |
| --- | --- | --- |
| **Statistics** | | |
| KONTROL | | |
| N | Valid | 18 |
| Missing | 0 |
| Mean | | 55,5556 |
| Median | | 60,0000 |
| Mode | | 60,00 |
| Std. Deviation | | 13,70797 |
| Variance | | 187,908 |
| Range | | 45,00 |
| Minimum | | 30,00 |
| Maximum | | 75,00 |
| Sum | | 1000,00 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **KONTROL** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 30,00 | 1 | 5,6 | 5,6 | 5,6 |
| 35,00 | 2 | 11,1 | 11,1 | 16,7 |
| 45,00 | 3 | 16,7 | 16,7 | 33,3 |
| 55,00 | 2 | 11,1 | 11,1 | 44,4 |
| 60,00 | 5 | 27,8 | 27,8 | 72,2 |
| 65,00 | 1 | 5,6 | 5,6 | 77,8 |
| 70,00 | 2 | 11,1 | 11,1 | 88,9 |
| 75,00 | 2 | 11,1 | 11,1 | 100,0 |
| Total | 18 | 100,0 | 100,0 |  |

1. UJI NORMALITAS PRETES EKPERIMEN DAN PRETES KONTROL

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Tests of Normality** | | | | | | |
|  | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
| Statistic | df | Sig. | Statistic | df | Sig. |
| EKSPERIMEN | .171 | 15 | .200\* | .894 | 15 | .076 |
| KONTROL | .209 | 15 | .076 | .915 | 15 | .162 |
| \*. This is a lower bound of the true significance. | | | | | | |
| a. Lilliefors Significance Correction | | | | | | |

1. UJI NORMALITAS POSTEST EKSPERIMEN DAN POSTES KONTROL

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Tests of Normality** | | | | | | |
|  | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
| Statistic | df | Sig. | Statistic | df | Sig. |
| EKSPERIMEN | .218 | 15 | .053 | .914 | 15 | .157 |
| KONTROL | .167 | 15 | .200\* | .949 | 15 | .511 |
| \*. This is a lower bound of the true significance. | | | | | | |
| a. Lilliefors Significance Correction | | | | | | |

1. UJI HOMOGENITAS

|  |  |  |  |
| --- | --- | --- | --- |
| **Test of Homogeneity of Variances** | | | |
| PRETEST | | | |
| Levene Statistic | df1 | df2 | Sig. |
| 1.838 | 4 | 9 | .206 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Test of Homogeneity of Variances** | | | |
| POSTTEST | | | |
| Levene Statistic | df1 | df2 | Sig. |
| 1,442 | 1 | 31 | ,239 |

1. UJI INDEPENDENT SAMPEL T TEST PRETES EKSPERIMEN DAN PRETES KONTROL

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Independent Samples Test** | | | | | | | | | | | |
|  | | Levene's Test for Equality of Variances | | t-test for Equality of Means | | | | | | | |
| F | Sig. | t | df | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference | |
| Lower | Upper |
| nilai | Equal variances assumed | .348 | .559 | 1.759 | 31 | .088 | 5.61111 | 3.18954 | -.89399 | 12.11621 |
| Equal variances not assumed |  |  | 1.778 | 30.824 | .085 | 5.61111 | 3.15612 | -.82732 | 12.04954 |

1. UJI INDEPENDENT SAMEPL T TES POSTEST EKSPERIMEN DAN POSTES KONTROL

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Independent Samples Test** | | | | | | | | | | |
|  | | Levene's Test for Equality of Variances | | t-test for Equality of Means | | | | | | |
| F | Sig. | t | df | Sig. (2-tailed) | Mean Difference | Std. Error Difference | 95% Confidence Interval of the Difference | |
| Lower | Upper |
| nilai | Equal variances assumed | 1.763 | .194 | 6.076 | 31 | .000 | 26.88889 | 4.42563 | 17.86275 | 35.91503 |
| Equal variances not assumed |  |  | 6.284 | 30.015 | .000 | 26.88889 | 4.27915 | 18.14988 | 35.62789 |