**Lampiran 16: Uji Deskriptif dan Normalitas *Pretest* Kelas Eksperimen**

**Uji Deskriptif *Pretest* Kelas Eksperimen**

|  |
| --- |
| **Statistics** |
| PKN  |
| N | Valid | 28 |
| Missing | 0 |
| Mean | 60.7143 |
| Median | 60.0000 |
| Mode | 60.00 |
| Std. Deviation | 15.12628 |
| Variance | 228.804 |
| Range | 60.00 |
| Minimum | 24.00 |
| Maximum | 84.00 |
| Sum | 1700.00 |

|  |
| --- |
| **PKN** |
|  | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 24.00 | 2 | 7.1 | 7.1 | 7.1 |
| 44.00 | 1 | 3.6 | 3.6 | 10.7 |
| 48.00 | 4 | 14.3 | 14.3 | 25.0 |
| 56.00 | 3 | 10.7 | 10.7 | 35.7 |
| 60.00 | 6 | 21.4 | 21.4 | 57.1 |
| 64.00 | 1 | 3.6 | 3.6 | 60.7 |
| 68.00 | 2 | 7.1 | 7.1 | 67.9 |
| 72.00 | 3 | 10.7 | 10.7 | 78.6 |
| 76.00 | 3 | 10.7 | 10.7 | 89.3 |
| 80.00 | 2 | 7.1 | 7.1 | 96.4 |
| 84.00 | 1 | 3.6 | 3.6 | 100.0 |
| Total | 28 | 100.0 | 100.0 |  |

**Uji Normalitas *Pretest* Kelas Eksperimen**

|  |
| --- |
| **Tests of Normality** |
|  | Kolmogorov-Smirnova | Shapiro-Wilk |
| Statistic | df | Sig. | Statistic | df | Sig. |
| PKN | .128 | 28 | .200\* | .931 | 28 | .064 |

**Lampiran 17: Uji Deskriptif dan Normalitas *Posttest* Kelas Eksperimen**

**Uji Deskriptif *Posttest* Kelas Eksperimen**

|  |
| --- |
| **Statistics** |
| PKN  |
| N | Valid | 28 |
| Missing | 0 |
| Mean | 82.1429 |
| Median | 82.0000 |
| Mode | 72.00a |
| Std. Deviation | 11.89994 |
| Variance | 141.608 |
| Range | 36.00 |
| Minimum | 64.00 |
| Maximum | 100.00 |
| Sum | 2300.00 |

|  |
| --- |
| **PKN** |
|  | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 64.00 | 2 | 7.1 | 7.1 | 7.1 |
| 68.00 | 3 | 10.7 | 10.7 | 17.9 |
| 72.00 | 4 | 14.3 | 14.3 | 32.1 |
| 76.00 | 4 | 14.3 | 14.3 | 46.4 |
| 80.00 | 1 | 3.6 | 3.6 | 50.0 |
| 84.00 | 3 | 10.7 | 10.7 | 60.7 |
| 88.00 | 2 | 7.1 | 7.1 | 67.9 |
| 92.00 | 2 | 7.1 | 7.1 | 75.0 |
| 96.00 | 4 | 14.3 | 14.3 | 89.3 |
| 100.00 | 3 | 10.7 | 10.7 | 100.0 |
| Total | 28 | 100.0 | 100.0 |  |

**Uji Normalitas *Posttest* Kelas Eksperimen**

|  |
| --- |
| **Tests of Normality** |
|  | Kolmogorov-Smirnova | Shapiro-Wilk |
| Statistic | df | Sig. | Statistic | df | Sig. |
| PKN | .161 | 28 | .060 | .922 | 28 | .038 |

**Lampiran 18: Uji Deskriptif dan Normalitas *Pretest* Kelas Kontrol**

**Uji Deskriptif *Pretest* Kelas Kontrol**

|  |
| --- |
| **Statistics** |
| PKN |
| N | Valid | 27 |
| Missing | 0 |
| Mean | 60.7407 |
| Median | 60.0000 |
| Mode | 56.00a |
| Std. Deviation | 14.96815 |
| Variance | 224.046 |
| Range | 56.00 |
| Minimum | 28.00 |
| Maximum | 84.00 |

|  |
| --- |
| **PKN** |
|  | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 28.00 | 1 | 3.7 | 3.7 | 3.7 |
| 32.00 | 1 | 3.7 | 3.7 | 7.4 |
| 40.00 | 1 | 3.7 | 3.7 | 11.1 |
| 44.00 | 1 | 3.7 | 3.7 | 14.8 |
| 48.00 | 2 | 7.4 | 7.4 | 22.2 |
| 52.00 | 2 | 7.4 | 7.4 | 29.6 |
| 56.00 | 3 | 11.1 | 11.1 | 40.7 |
| 60.00 | 3 | 11.1 | 11.1 | 51.9 |
| 64.00 | 3 | 11.1 | 11.1 | 63.0 |
| 68.00 | 3 | 11.1 | 11.1 | 74.1 |
| 72.00 | 2 | 7.4 | 7.4 | 81.5 |
| 76.00 | 1 | 3.7 | 3.7 | 85.2 |
| 80.00 | 1 | 3.7 | 3.7 | 88.9 |
| 84.00 | 3 | 11.1 | 11.1 | 100.0 |
| Total | 27 | 100.0 | 100.0 |  |

**Uji Normalitas *Pretest* Kelas Kontrol**

|  |
| --- |
| **Tests of Normality** |
|  | Kolmogorov-Smirnova | Shapiro-Wilk |
| Statistic | df | Sig. | Statistic | df | Sig. |
| PKN | .079 | 27 | .200\* | .970 | 27 | .604 |

**Lampiran 19: Uji Deskriptif dan Normalitas *Posttest* Kelas Kontrol**

**Uji Deskriptif *Posttest* Kelas Kontrol**

|  |
| --- |
| **Statistics** |
| PKN |
| N | Valid | 27 |
| Missing | 0 |
| Mean | 71.1111 |
| Median | 76.0000 |
| Mode | 96.00 |
| Std. Deviation | 20.25479 |
| Variance | 410.256 |
| Range | 68.00 |
| Minimum | 28.00 |
| Maximum | 96.00 |
| Sum | 1920.00 |

|  |
| --- |
| **PKN** |
|  | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 28.00 | 1 | 3.7 | 3.7 | 3.7 |
| 32.00 | 1 | 3.7 | 3.7 | 7.4 |
| 44.00 | 1 | 3.7 | 3.7 | 11.1 |
| 48.00 | 3 | 11.1 | 11.1 | 22.2 |
| 52.00 | 1 | 3.7 | 3.7 | 25.9 |
| 60.00 | 1 | 3.7 | 3.7 | 29.6 |
| 64.00 | 1 | 3.7 | 3.7 | 33.3 |
| 68.00 | 2 | 7.4 | 7.4 | 40.7 |
| 72.00 | 1 | 3.7 | 3.7 | 44.4 |
| 76.00 | 4 | 14.8 | 14.8 | 59.3 |
| 80.00 | 4 | 14.8 | 14.8 | 74.1 |
| 92.00 | 2 | 7.4 | 7.4 | 81.5 |
| 96.00 | 5 | 18.5 | 18.5 | 100.0 |
| Total | 27 | 100.0 | 100.0 |  |

**Uji Normalitas *Posttest* Kelas Kontrol**

|  |
| --- |
| **Tests of Normality** |
|  | Kolmogorov-Smirnova | Shapiro-Wilk |
| Statistic | df | Sig. | Statistic | df | Sig. |
| PKN | .151 | 27 | .117 | .923 | 27 | .046 |

**Lampiran 20: Uji Homogenitas**

**Uji Homogenitas *Pretest* Kelas Eksperimen dan Kelas Kontrol**

|  |
| --- |
| **Test of Homogeneity of Variances** |
| PRE TEST EKSPERIMEN  |
| Levene Statistic | df1 | df2 | Sig. |
| 1.498 | 7 | 13 | .251 |

**Uji Homogenitas *Posttest* Kelas Eksperimen dan Kelas Kontrol**

|  |
| --- |
| **Test of Homogeneity of Variances** |
| POST TEST KELAS EKSPERIMEN  |
| Levene Statistic | df1 | df2 | Sig. |
| 2.366 | 5 | 14 | .094 |

**Lampiran 21: Uji Hipotesis**

***Independent Sample T-Test Pretest* Kelas Eksperimen dan *PreTest* Kelas Kontrol**



***Paired Sample T Test Pretest* Kelas Eksperimen dan *Posttest* Kelas Eksperimen**

***Paired Sample T-Test Pretest* Kelas Kontrol dan *Posttest* Kelas Kontrol**

***Independent Sample T Test Posttest* Kelas Eksperimen dan *Posttest* Kelas Kontrol**