

| | | | | | | | | | | | | |
|----------|---------------------|-------|-------|--------|-------|-------|--------|--------|--------|-------|-------|--------|
| | Sig. (2-tailed) | .935 | .536 | .030 | .055 | .826 | .252 | | .088 | .776 | .092 | .000 |
| | N | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 |
| X1.8 | Pearson Correlation | -.048 | .283 | .142 | -.166 | -.036 | .234 | .254 | 1 | .287 | .058 | .524** |
| | Sig. (2-tailed) | .750 | .057 | .345 | .271 | .811 | .118 | .088 | | .053 | .703 | .000 |
| | N | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 |
| X1.9 | Pearson Correlation | -.101 | -.089 | .161 | .151 | .011 | -.172 | -.043 | .287 | 1 | -.226 | .233 |
| | Sig. (2-tailed) | .505 | .558 | .287 | .316 | .940 | .252 | .776 | .053 | | .131 | .119 |
| | N | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 |
| X1.10 | Pearson Correlation | -.088 | -.109 | -.275 | -.028 | -.147 | .397** | .251 | .058 | -.226 | 1 | .287 |
| | Sig. (2-tailed) | .559 | .471 | .064 | .854 | .331 | .006 | .092 | .703 | .131 | | .054 |
| | N | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 |
| TOTAL_X1 | Pearson Correlation | .293* | .129 | .550** | .021 | .256 | .362* | .575** | .524** | .233 | .287 | 1 |
| | Sig. (2-tailed) | .048 | .392 | .000 | .890 | .086 | .013 | .000 | .000 | .119 | .054 | |
| | N | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 |

*. Correlation is significant at the 0.05 level (2-tailed).

**. Correlation is significant at the 0.01 level (2-tailed).

Reliability Statistics

| Cronbach's Alpha | Cronbach's Alpha Based on Standardized Items | N of Items |
|------------------|---|------------|
| .820 | .830 | 10 |

Tests of Normality

| | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|-----------------------|---------------------------------|----|------|--------------|----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| PENGETAHUAN_ AWAL | .198 | 46 | .000 | .932 | 46 | .010 |
| PENGETAHUAN_ AKHIR | .237 | 46 | .000 | .839 | 46 | .000 |

a. Lilliefors Significance Correction

Ranks

| | | N | Mean Rank | Sum of Ranks |
|--|----------------|-----------------|-----------|--------------|
| TINGKAT_PENGETAHUAN_SESUDAH - TINGKAT_PENGETAHUAN_SEBELUM | Negative Ranks | 0 ^a | .00 | .00 |
| | Positive Ranks | 46 ^b | 23.50 | 1081.00 |
| | Ties | 0 ^c | | |
| | Total | 46 | | |

a. TINGKAT_PENGETAHUAN_SESUDAH < TINGKAT_PENGETAHUAN_SEBELUM

b. TINGKAT_PENGETAHUAN_SESUDAH > TINGKAT_PENGETAHUAN_SEBELUM

c. TINGKAT_PENGETAHUAN_SESUDAH = TINGKAT_PENGETAHUAN_SEBELUM

Test Statistics^a

| | TINGKAT_PENGETAHUAN_SESUDAH - TINGKAT_PENGETAHUAN_SEBELUM |
|------------------------|--|
| Z | -6.043 ^b |
| Asymp. Sig. (2-tailed) | .000 |

a. Wilcoxon Signed Ranks Test

b. Based on negative ranks.

Chi-Square Tests

| | Value | df | Asymptotic Significance (2-sided) |
|------------------------------|----------------------|----|-----------------------------------|
| Pearson Chi-Square | 117.925 ^a | 35 | .000 |
| Likelihood Ratio | 79.801 | 35 | .000 |
| Linear-by-Linear Association | 35.059 | 1 | .000 |
| N of Valid Cases | 46 | | |

a. 47 cells (97.9%) have expected count less than 5. The minimum expected count is .02.