

ANALISIS STATISTIK DESKRIPTIF

DESCRIPTIVES

```
VARIABLES=PreTest PostTest
/STATISTICS=MEAN STDDEV MIN MAX.
```

Descriptive Statistics

| | N | Minimum | Maximum | Mean | Std. Deviation |
|--------------------|----|---------|---------|-------|----------------|
| PreTest | 28 | 18 | 66 | 49.79 | 12.518 |
| PostTest | 28 | 50 | 94 | 73.82 | 10.653 |
| Valid N (listwise) | 28 | | | | |

UJI NORMALITAS

EXAMINE

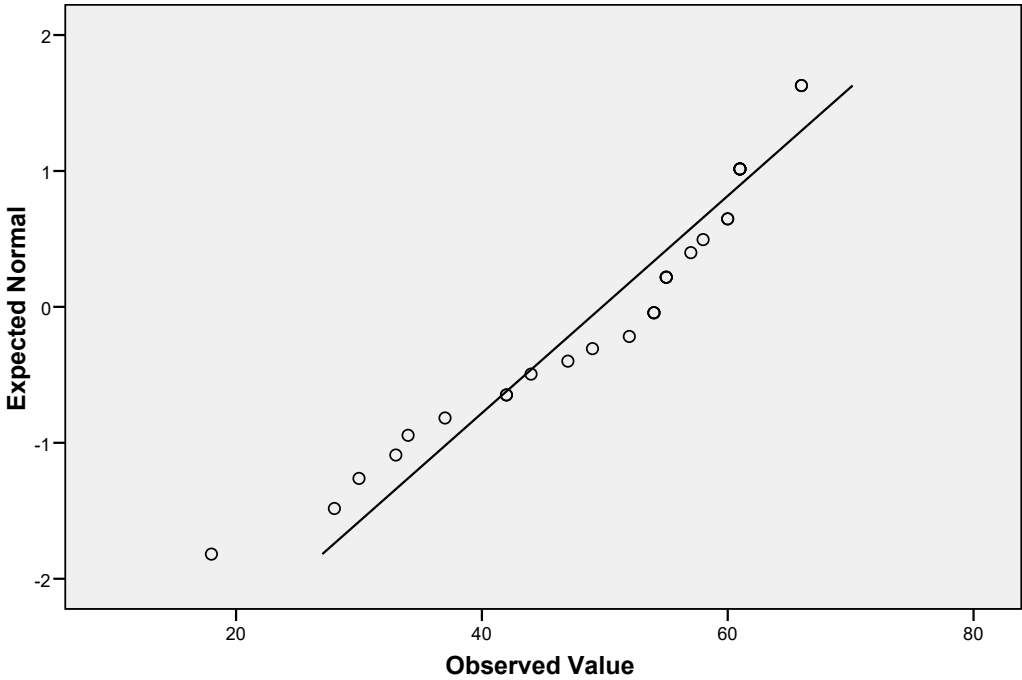
```
VARIABLES=PreTest PostTest
/PLOT BOXPLOT STEMLEAF NPLOT
/COMPARE GROUP
/STATISTICS NONE
/CINTERVAL 95
/MISSING LISTWISE
/NOTOTAL.
```

Tests of Normality

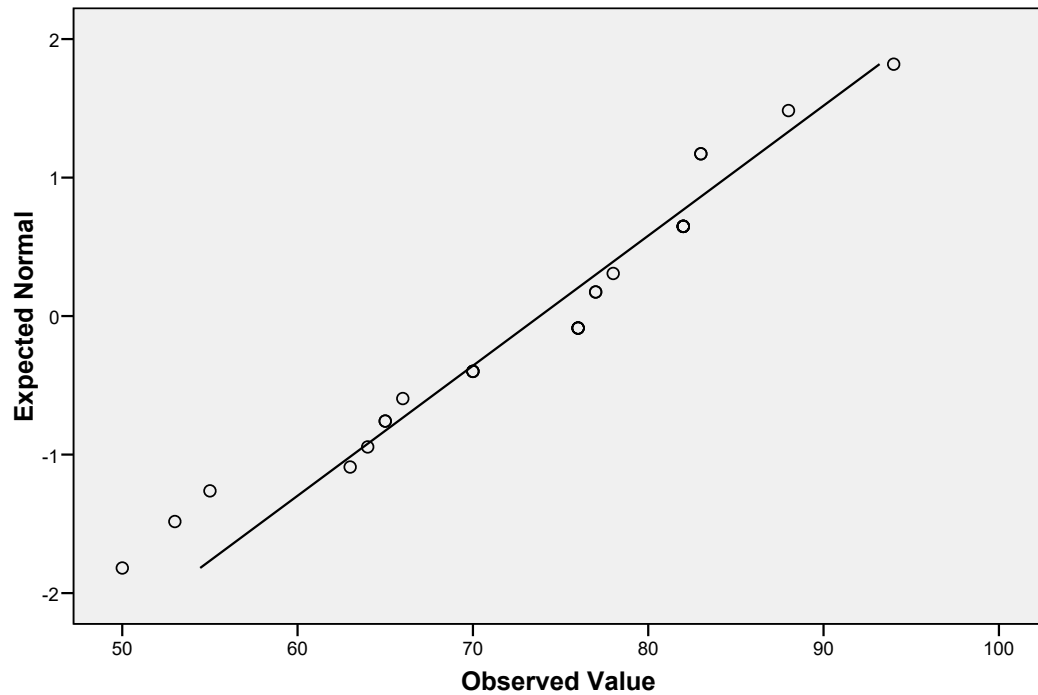
| | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|----------|---------------------------------|----|------|--------------|----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| PreTest | .203 | 28 | .004 | .910 | 28 | .020 |
| PostTest | .188 | 28 | .012 | .944 | 28 | .136 |

a. Lilliefors Significance Correction

Normal Q-Q Plot of PreTest



Normal Q-Q Plot of PostTest



UJI PAIRED SAMPLES T-TEST

T-TEST

```
PAIRS = PreTest WITH PostTest (PAIRED)
/CRITERIA = CI(.95)
/MISSING = ANALYSIS.
```

Paired Samples Statistics

| | | Mean | N | Std. Deviation | Std. Error Mean |
|--------|----------|-------|----|----------------|-----------------|
| Pair 1 | PreTest | 49.79 | 28 | 12.518 | 2.366 |
| | PostTest | 73.82 | 28 | 10.653 | 2.013 |

Paired Samples Correlations

| | | N | Correlation | Sig. |
|--------|--------------------|----|-------------|------|
| Pair 1 | PreTest & PostTest | 28 | .536 | .003 |

Paired Samples Test

| | | Paired Differences | | | | | t | df | Sig. (2-tailed) |
|--------|--------------------|--------------------|----------------|--------------------|---|---------|---------|----|-----------------|
| | | Mean | Std. Deviation | Std. Error Mean | 95% Confidence Interval of the Difference | | | | |
| | | | | | Lower | Upper | | | |
| | | | | | | | | | |
| Pair 1 | PreTest - PostTest | -24.036 | 11.276 | 2.131 | -28.408 | -19.663 | -11.279 | 27 | .000 |