**Lampiran 16**

**Uji Wilcoxon**

**NPar Tests**

| **Descriptive Statistics** |
| --- |
|  | N | Mean | Std. Deviation | Minimum | Maximum | Percentiles |
|  | 25th | 50th (Median) | 75th |
| VAR00001 | 15 | 60.6000 | 6.52249 | 48.00 | 71.00 | 57.0000 | 60.0000 | 67.0000 |
| VAR00002 | 15 | 1.0407E2 | 9.51290 | 81.00 | 117.00 | 98.0000 | 107.0000 | 1.1000E2 |

**Wilcoxon Signed Ranks Test**

| **Ranks** |
| --- |
|  |  | N | Mean Rank | Sum of Ranks |
| VAR00002 - VAR00001 | Negative Ranks | 0a | .00 | .00 |
| Positive Ranks | 15b | 8.00 | 120.00 |
| Ties | 0c |  |  |
| Total | 15 |  |  |
| a. VAR00002 < VAR00001 |  |  |  |
| b. VAR00002 > VAR00001 |  |  |  |
| c. VAR00002 = VAR00001 |  |  |  |

| **Test Statisticsb** |
| --- |
|  | VAR00002 - VAR00001 |
| Z | -3.410a |
| Asymp. Sig. (2-tailed) | .001 |
| a. Based on negative ranks. |
| b. Wilcoxon Signed Ranks Test |

**Sign Test**

| **Frequencies** |
| --- |
|  |  | N |
| VAR00002 - VAR00001 | Negative Differencesa | 0 |
| Positive Differencesb | 15 |
| Tiesc | 0 |
| Total | 15 |
| a. VAR00002 < VAR00001 |  |
| b. VAR00002 > VAR00001 |  |
| c. VAR00002 = VAR00001 |  |

| **Test Statisticsb** |
| --- |
|  | VAR00002 - VAR00001 |
| Exact Sig. (2-tailed) | .000a |
| a. Binomial distribution used. |
| b. Sign Test |  |