**LAMPIRAN 14**

**ANALISIS STATISTIK INFERENSIAL NONPARAMETRIK**

***WILCOXON SIGNED RANK TEST***

**NPar Tests**

| **Descriptive Statistics** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | N | Mean | Std. Deviation | Minimum | Maximum |
| Pretest | 10 | 93.3000 | 7.14998 | 82.00 | 110.00 |
| Posttest | 10 | 85.9000 | 8.43867 | 76.00 | 100.00 |

**Wilcoxon Signed Ranks Test**

| **Ranks** | | | | |
| --- | --- | --- | --- | --- |
|  |  | N | Mean Rank | Sum of Ranks |
| Posttest - Pretest | Negative Ranks | 10a | 5.50 | 55.00 |
| Positive Ranks | 0b | .00 | .00 |
| Ties | 0c |  |  |
| Total | 10 |  |  |
| a. Posttest < Pretest | |  |  |  |
| b. Posttest > Pretest | |  |  |  |
| c. Posttest = Pretest | |  |  |  |

| **Test Statisticsb** | |
| --- | --- |
|  | Posttest - Pretest |
| Z | -2.809a |
| Asymp. Sig. (2-tailed) | .005 |
| a. Based on positive ranks. | |
| b. Wilcoxon Signed Ranks Test | |