**ANALISIS DATA STATISTIK**

**Nilai Hasil *Posttest* kelas VIII SMP Negeri 1 Sinjai Tengah Kelas Eksperimen (Varibel X) dan Kelas Kontrol (Variabel Y)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **X** | **Y** | **X2** | **Y2** | **X.Y** |
| 1 | 80 | 70 | 6400 | 4900 | 5600 |
| 2 | 80 | 65 | 6400 | 4225 | 5200 |
| 3 | 75 | 40 | 5625 | 1600 | 3000 |
| 4 | 80 | 65 | 6400 | 4225 | 5200 |
| 5 | 75 | 45 | 5625 | 2025 | 3375 |
| 6 | 80 | 65 | 6400 | 4225 | 5200 |
| 7 | 80 | 30 | 6400 | 900 | 2400 |
| 8 | 75 | 50 | 5625 | 2500 | 3750 |
| 9 | 80 | 40 | 6400 | 1600 | 3200 |
| 10 | 75 | 55 | 5625 | 3025 | 4125 |
| 11 | 80 | 60 | 6400 | 3600 | 4800 |
| 12 | 75 | 55 | 5625 | 3025 | 4125 |
| 13 | 75 | 60 | 5625 | 3600 | 4500 |
| 14 | 75 | 40 | 5625 | 1600 | 3000 |
| 15 | 85 | 60 | 7225 | 3600 | 5100 |
| 16 | 80 | 70 | 6400 | 4900 | 5600 |
| 17 | 90 | 70 | 8100 | 4900 | 6300 |
| 18 | 100 | 65 | 10000 | 4225 | 6500 |
| 19 | 80 | 45 | 6400 | 2025 | 3600 |
| 20 | 75 | 65 | 5625 | 4225 | 4875 |
| 21 | 100 | 55 | 10000 | 3025 | 5500 |
| 22 | 80 | 65 | 6400 | 4225 | 5200 |
| 23 | 75 | 70 | 5625 | 4900 | 5250 |
| 24 | 80 | 55 | 6400 | 3025 | 4400 |
| 25 | 70 | 40 | 4900 | 1600 | 2800 |
| 26 | 95 | 70 | 9025 | 4900 | 6650 |
| **JUMLAH** | **2095** | **1470** | **170275** | **86600** | **119250** |

1. Nilai rata-rata hasil belajar kelompok eksperimen X
2. Nilai rata-rata hasil belajar kelompok kontrol Y
3. Nilai Standar Deviasi Kuadrat kelompok eksperimen X
4. Nilai Standar Deviasi Kuadrat Kelompok Kontrol Y
5. Nilai Standar Deviasi rata-rata Kuadrat Kelompok Eksperimen X
6. Nilai Standar Deviasi rata-rata Kuadrat Kelompok Kontrol Y
7. Nilai SDbm

Setelah hasil perhitungan di atas selanjutnya gunakan rumus t-test :

= 8,6787