**ANALISIS DATA STATISTIK**

Lampiran 10

**Nilai Hasil *Pretest* dan *Posttest* kelas VIII SMP Negeri 6 Tinambung Kabupaten Polewali Mandar**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | ***Pretest* (X)** | | | | ***Posttest* (Y)** | | | |
| **X** | **F** | **fX** | **fX2** | **Y** | **F** | **fY** | **fY2** |
| 1 | 70 | 4 | 280 | 19600 | 90 | 1 | 90 | 8100 |
| 2 | 60 | 2 | 120 | 7200 | 85 | 7 | 595 | 50575 |
| 3 | 55 | 3 | 165 | 9075 | 80 | 5 | 400 | 32000 |
| 4 | 50 | 4 | 200 | 10000 | 75 | 5 | 375 | 28125 |
| 5 | 45 | 6 | 270 | 12150 | 70 | 1 | 70 | 4900 |
| 6 | 40 | 3 | 120 | 4800 | 60 | 4 | 240 | 14400 |
| 7 | 35 | 1 | 35 | 1225 | 50 | 5 | 250 | 12500 |
| 8 | 30 | 1 | 30 | 900 | 30 | 1 | 30 | 900 |
| 9 | 25 | 2 | 50 | 1250 | 25 | 0 | 0 | 0 |
| 10 | 20 | 3 | 60 | 1200 | 20 | 0 | 0 | 0 |
|  | - | 29 | 1330 | 67400 | - | 29 | 2050 | 151500 |

1. Mencari Nilai Mean *Pretest* X

1. Mencari Nilai Mean *Posttest* Y
2. Mencari Standar Deviasi Kuadrat X
3. Mencari Standar Deviasi Kuadrat Y
4. Standar Deviasi Rata-Rata Kuadrat X
5. Standar Deviasi Rata-Rata Kuadrat Y
6. Mencari SDbm menggunakan rumus

SDbm=

Selanjutnya sudah dapat digunakan rumus t-test