Lampiran 11

**ANALISIS DATA STATISTIK**

**Nilai Hasil *Posttest* kelas XI IPA SMAN. 2 Libureng Kabupaten Bone**

**Kelas Eksperimen (Varibel X) dan Kelas Kontrol (Variabel Y)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **X** | **Y** | **X2** | **Y2** | **X.Y** |
| 1. | 95 | 90 | 9.025 | 8.100 | 8.550 |
| 2. | 80 | 70 | 6.400 | 4.900 | 5.600 |
| 3. | 100 | 80 | 10.000 | 6.400 | 8000 |
| 4. | 90 | 85 | 8.100 | 7.225 | 7.650 |
| 5. | 100 | 80 | 10.000 | 6.400 | 8.000 |
| 6. | 75 | 70 | 5.625 | 4.900 | 5.250 |
| 7. | 75 | 70 | 5.625 | 4.900 | 5.250 |
| 8. | 85 | 85 | 7.225 | 7.225 | 7.225 |
| 9. | 85 | 85 | 7.225 | 7.225 | 7.225 |
| 10. | 100 | 70 | 10.000 | 4.900 | 7.000 |
| 11. | 95 | 80 | 9.025 | 6.400 | 7.600 |
| 12. | 80 | 70 | 6.400 | 4.900 | 5.600 |
| 13. | 80 | 90 | 6.400 | 8.100 | 7.200 |
| 14. | 95 | 80 | 9.025 | 6.400 | 7.600 |
| 15. | 80 | 85 | 6.400 | 7.225 | 6.800 |
| 16. | 90 | 85 | 8.100 | 7.225 | 7.650 |
| 17. | 85 | 70 | 7.225 | 4.900 | 5.950 |
| 18. | 85 | 80 | 7.225 | 6.400 | 6.800 |
| 19. | 90 | 85 | 8.100 | 7.225 | 7.650 |
| 20. | 80 | 85 | 6.400 | 7.225 | 6.800 |
| 21. | 95 | 80 | 9.025 | 6.400 | 7.600 |
| **JUMLAH** | **∑(x) 1840** | **∑(y) 1675** | **∑(x)2162550** | **∑(y)2134575** | **∑(x.y)14700** |

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

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1. Nilai Standar Deviasi rata-rata Kuadrat Kelompok Eksperimen X
2. Nilai Standar Deviasi rata-rata Kuadrat Kelompok Kontrol Y
3. Nilai SDbm

Setelah mendapatkan hasil perhitungan diatas maka selanjutnya dimasukkan dalam rumus t-test dan mencari interpretasinya untuk menguji hipotesis.