**HASIL PERHITUNGAN N-GAIN**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Nama Siswa** | **Nilai Pretest** | **Nilai Posttest** | **Rata-Rata** | **N-Gain** | | **Keterangan** |
| 1 | AAW | 69 | 79 | 74 | 0,3 | | Sedang |
| 2 | AJPP | 44 | 73 | 58 | 0,5 | | Sedang |
| 3 | AAS | 48 | 77 | 62 | 0,5 | | Sedang |
| 4 | BADA | 71 | 79 | 75 | 0,2 | | Rendah |
| 5 | CY | 71 | 77 | 74 | 0,2 | | Rendah |
| 6 | DPC | 58 | 77 | 67 | 0,4 | | Sedang |
| 7 | DPK | 54 | 69 | 61 | 0,3 | | Sedang |
| 8 | FZR | 67 | 75 | 71 | 0,2 | | Rendah |
| 9 | HS | 63 | 85 | 74 | 0,5 | | Sedang |
| 10 | KS | 52 | 69 | 60 | 0,3 | | Sedang |
| 11 | MZA | 59 | 73 | 71 | 0,3 | | Sedang |
| 12 | MRA | 58 | 71 | 64 | 0,3 | | Sedang |
| 13 | MRT | 63 | 77 | 67 | 0,3 | | Sedang |
| 14 | MAF | 58 | 69 | 63 | 0,2 | | Rendah |
| 15 | MAlfi F | 63 | 71 | 67 | 0,2 | | Rendah |
| 16 | MAK | 54 | 79 | 66 | 0,5 | | Sedang |
| 17 | MF | 50 | 69 | 59 | 0,3 | | Sedang |
| 18 | MN | 67 | 75 | 71 | 0,2 | | Rendah |
| 19 | MRAJ | 56 | 77 | 66 | 0,4 | | Sedang |
| 20 | MAIA | 27 | 69 | 48 | 0, 5 | | Sedang |
| 21 | MAR | 58 | 73 | 65 | 0,3 | | Sedang |
| 22 | NAS | 67 | 77 | 72 | 0,3 | | Sedang |
| 23 | NM | 54 | 80 | 67 | 0,5 | | Sedang |
| 24 | SNR | 58 | 65 | 61 | 0,1 | | Rendah |
| 25 | SIM | 48 | 65 | 66 | 0,3 | | Sedang |
| 26 | TNN | 65 | 73 | 69 | 0,2 | | Rendah |
| 27 | VAI | 58 | 79 | 68 | 0,5 | | Sedang |
| 28 | YRDCH | 27 | 60 | 43 | 0,4 | | Sedang |
| 29 | AER | 62 | 79 | 70 | 0,4 | | Sedang |
| 30 | MZR | 67 | 77 | 72 | 0,3 | | Sedang |
| Jumlah | | 1761 | 2214 |  | | 9,9 |  |
| Rata-rata | | **58,7** | **73,8** |  | | **0,3** | **Sedang** |

**N-Gain** =

=

=

= 0,3 (Berpengaruh sedang)

**Kategori Nilai N-Gain**

|  |  |
| --- | --- |
| **Nilai N-gain** | **Kategori** |
| g > 0,7 | Tinggi |
| g ≤ g ≤ 0,7 | Sedang |
| g < 0,3 | Rendah |

**HASIL PERHITUNGAN *ETA-SQUARED***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No** | **Nama Siswa** | **Nilai Pretest** | **Nilai Posttest** | **Rata-Rata** | **Ʃxy** | |
| 1 | AAW | 69 | 79 | 74 | 5.451 | |
| 2 | AJPP | 44 | 73 | 58 | 3.212 | |
| 3 | AAS | 48 | 77 | 62 | 3.696 | |
| 4 | BADA | 71 | 79 | 75 | 5.609 | |
| 5 | CY | 71 | 77 | 74 | 5.467 | |
| 6 | DPC | 58 | 77 | 67 | 4.467 | |
| 7 | DPK | 54 | 69 | 61 | 3.726 | |
| 8 | FZR | 67 | 75 | 71 | 5.025 | |
| 9 | HS | 63 | 85 | 74 | 5.355 | |
| 10 | KS | 52 | 69 | 60 | 3.588 | |
| 11 | MZA | 59 | 73 | 71 | 4.307 | |
| 12 | MRA | 58 | 71 | 64 | 4.118 | |
| 13 | MRT | 63 | 77 | 67 | 4.851 | |
| 14 | MAF | 58 | 69 | 63 | 4.002 | |
| 15 | MAlfi F | 63 | 71 | 67 | 4.473 | |
| 16 | MAK | 54 | 79 | 66 | 4.266 | |
| 17 | MF | 50 | 69 | 59 | 3.450 | |
| 18 | MN | 67 | 75 | 71 | 5.025 | |
| 19 | MRAJ | 56 | 77 | 66 | 4.312 | |
| 20 | MAIA | 27 | 69 | 48 | 1.863 | |
| 21 | MAR | 58 | 73 | 65 | 4.234 | |
| 22 | NAS | 67 | 77 | 72 | 5.159 | |
| 23 | NM | 54 | 80 | 67 | 4.320 | |
| 24 | SNR | 58 | 65 | 61 | 3.770 | |
| 25 | SIM | 48 | 65 | 66 | 3.120 | |
| 26 | TNN | 65 | 73 | 69 | 4.745 | |
| 27 | VAI | 58 | 79 | 68 | 4.582 | |
| 28 | YRDCH | 27 | 60 | 43 | 1.620 | |
| 29 | AER | 62 | 79 | 70 | 4.898 | |
| 30 | MZR | 67 | 77 | 72 | 5.159 | |
| Jumlah | | 1761 | 2214 |  | | 127.870 |
| Rata-rata | | 58,7 | 73,8 |  | | 4.262 |

**Rxy =**

**=**

**=**

**=**

**=** 34,59

t =

=

=

=

=

= 5,29

*Eta squared =*

=

=

=

= 0,4 (Efek sedang)

***Eta Square***

|  |  |  |
| --- | --- | --- |
| **Jumlah Sampel** | **Eta Square** | **Keterangan** |
| 30 | 0,4 | Efek sedang |