**Lampiran 10**

**Tabel Frekuensi Statistik Deskriptif**

**Motivasi Belajar Matematika**

**Frequencies**

| **Statistics** | | |
| --- | --- | --- |
| N | Valid | 49 |
| Missing | 0 |
| Mean | | 46.2653 |
| Median | | 46.0000 |
| Mode | | 44.00 |
| Std. Deviation | | 5.27879 |
| Variance | | 27.866 |
| Skewness | | -.003 |
| Std. Error of Skewness | | .340 |
| Range | | 25.00 |
| Minimum | | 33.00 |
| Maximum | | 58.00 |
| Sum | | 2267.00 |

| **Frequency Table** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  |  | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 33 | 1 | 2.0 | 2.0 | 2.0 |
| 38 | 2 | 4.1 | 4.1 | 6.1 |
| 39 | 1 | 2.0 | 2.0 | 8.2 |
| 40 | 3 | 6.1 | 6.1 | 14.3 |
| 41 | 2 | 4.1 | 4.1 | 18.4 |
| 42 | 2 | 4.1 | 4.1 | 22.4 |
| 43 | 4 | 8.2 | 8.2 | 30.6 |
| 44 | 7 | 14.3 | 14.3 | 44.9 |
| 46 | 5 | 10.2 | 10.2 | 55.1 |
| 47 | 4 | 8.2 | 8.2 | 63.3 |
| 49 | 2 | 4.1 | 4.1 | 67.3 |
| 50 | 4 | 8.2 | 8.2 | 75.5 |
| 51 | 4 | 8.2 | 8.2 | 83.7 |
| 52 | 2 | 4.1 | 4.1 | 87.8 |
| 53 | 1 | 2.0 | 2.0 | 89.8 |
| 54 | 2 | 4.1 | 4.1 | 93.9 |
| 55 | 2 | 4.1 | 4.1 | 98.0 |
| 58 | 1 | 2.0 | 2.0 | 100.0 |
| Total | 49 | 100.0 | 100.0 |  |

Skor maksimum = 58

Skor Minimum = 33

**M** (Rata-Rata) = (skor maksimum + skor minimum)

= (58 + 33)

**= 45,5**

**SD** (Standar Deviasi) = (skor maksimum - skor minimum)

= (58 - 33)

= **4,17**

|  |  |
| --- | --- |
| **Rendah**  **<39** | **= (M - 1,5 SD) ke bawah**  = 45,5 – (1,5 x 4,17)  = 45,5 – 6,25  = 39,25  = 39 |
| **Sedang**  **39 s.d 46** | **= (M - 1,5 SD sampai dengan M)**  = 45,5 – (1,5 x 4,17) sampai dengan 45,5  = 45,5 – 6,25 sampai dengan 45,5  = 39,25 sampai dengan 45,5  = 39 sampai dengan 46 |
| **Cukup**  **47 s.d 52** | **= (M sampai dengan M + 1,5 SD)**  = 45,5 sampai dengan 45,5 + (1,5 x 4,17)  = 45,5 sampai dengan 45,5 + 6,25  = 45,5 sampai dengan 51,75  = 46 sampai dengan 52 |
| **Tinggi**  **>52** | **= (M + 1,5 SD) Ke atas**  = 45,5 + (1,5 x 4,17) ke atas  = 45,5 + 6,25 ke atas  = 51,75 ke atas  = 52 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Skor Angket** | **No.Urut Siswa** | **𝞢** | **interval** | **Frekuensi** | **Keterangan** |
| 33 | 21 | 1 | <39 | 3 | Rendah |
| 38 | 38, 41 | 2 |
| 39 | 2 | 1 | 39-46 | 24 | Sedang |
| 40 | 6, 8, 44 | 3 |
| 41 | 3, 42 | 2 |
| 42 | 9, 28 | 2 |
| 43 | 7, 10, 25, 47 | 4 |
| 44 | 15, 18, 19, 24, 31, 40, 46 | 7 |
| 46 | 30, 33, 34, 48,49 | 5 |
| 47 | 26, 36, 39, 43 | 4 | 47-52 | 16 | Cukup |
| 49 | 20, 27 | 2 |
| 50 | 5, 14, 23, 37 | 4 |
| 51 | 17, 22, 29, 45 | 4 |
| 52 | 11, 35 | 2 |
| 53 | 12 | 1 | >52 | 6 | Tinggi |
| 54 | 16, 32 | 2 |
| 55 | 1, 4 | 2 |
| 58 | 13 | 1 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Kategori | Interval | frekuensi | Persentase Relatif | Persentase Kumulatif |
| Rendah | 39 ke bawah | 3 | 6,1 | 6,1 |
| Sedang | 39 s.d 46 | 24 | 49 | 55,1 |
| Cukup | 47 s.d 52 | 16 | 32,7 | 87,8 |
| Tinggi | 52 ke atas | 6 | 12,2 | 100 |
| Total |  | 49 | 100 |  |

**Minat belajar**

**Frequencies**

| **Statistics** | | |
| --- | --- | --- |
| N | Valid | 49 |
| Missing | 0 |
| Mean | | 52.4694 |
| Median | | 53.0000 |
| Mode | | 56.00 |
| Std. Deviation | | 5.36230 |
| Variance | | 28.754 |
| Skewness | | .000 |
| Std. Error of Skewness | | .340 |
| Range | | 22.00 |
| Minimum | | 41.00 |
| Maximum | | 63.00 |
| Sum | | 2571.00 |

| **Frequency Table** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  |  | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | 41 | 1 | 2.0 | 2.0 | 2.0 |
| 44 | 2 | 4.1 | 4.1 | 6.1 |
| 45 | 3 | 6.1 | 6.1 | 12.2 |
| 46 | 1 | 2.0 | 2.0 | 14.3 |
| 47 | 4 | 8.2 | 8.2 | 22.4 |
| 48 | 2 | 4.1 | 4.1 | 26.5 |
| 49 | 2 | 4.1 | 4.1 | 30.6 |
| 50 | 4 | 8.2 | 8.2 | 38.8 |
| 51 | 1 | 2.0 | 2.0 | 40.8 |
| 52 | 3 | 6.1 | 6.1 | 46.9 |
| 53 | 5 | 10.2 | 10.2 | 57.1 |
| 54 | 3 | 6.1 | 6.1 | 63.3 |
| 55 | 2 | 4.1 | 4.1 | 67.3 |
| 56 | 6 | 12.2 | 12.2 | 79.6 |
| 57 | 2 | 4.1 | 4.1 | 83.7 |
| 58 | 1 | 2.0 | 2.0 | 85.7 |
| 60 | 3 | 6.1 | 6.1 | 91.8 |
| 61 | 2 | 4.1 | 4.1 | 95.9 |
| 62 | 1 | 2.0 | 2.0 | 98.0 |
| 63 | 1 | 2.0 | 2.0 | 100.0 |
| Total | 49 | 100.0 | 100.0 |  |

Skor maksimum = 63

Skor Minimum = 41

**M** (Rata-Rata) = (skor maksimum + skor minimum)

= (63 + 41)

**= 52**

**SD** (Standar Deviasi) = (skor maksimum - skor minimum)

= (63-41)

= **3,67**

|  |  |
| --- | --- |
| **Rendah**  **<47** | **= (M - 1,5 SD) ke bawah**  = 52 – (1,5 x 3,67)  = 52 – 5,5  = 46,5  = 47 |
| **Sedang**  **47 s.d 52** | **= (M - 1,5 SD sampai dengan M)**  = 52 – (1,5 x 3,67) sampai dengan 52  = 52 – 5,5 sampai dengan 52  = 47 sampai dengan 52  = 47 sampai dengan 52 |
| **Cukup**  **53 s.d 58** | **= (M sampai dengan M + 1,5 SD)**  = 52 sampai dengan 52 + (1,5 x 3,67)  = 52 sampai dengan 52 + 5,5  = 52 sampai dengan 57,5  = 52 sampai dengan 58 |
| **Tinggi**  **>58** | **= (M + 1,5 SD) Ke atas**  = 52 + (1,5 x 3,67) ke atas  = 52 + 5,5 ke atas  = 57,5 ke atas  = 58 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Skor Angket** | **No.Urut Siswa** | **𝞢** | **interval** | **Frekuensi** | **Keterangan** |
| 41 | 15 | 1 | <47 | 7 | Rendah |
| 44 | 3, 21 | 2 |
| 45 | 6, 35, 38 | 3 |
| 46 | 31 | 1 |
| 47 | 20, 43, 44, 47 | 4 | 47-52 | 16 | Sedang |
| 48 | 7, 25 | 2 |
| 49 | 5, 9 | 2 |
| 50 | 36, 40, 41, 45 | 4 |
| 51 | 39 | 1 |
| 52 | 8, 19, 28 | 3 |
| 53 | 12, 22, 30, 34, 48 | 5 | 53-58 | 19 | Cukup |
| 54 | 2, 26, 37 | 3 |
| 55 | 10, 11 | 2 |
| 56 | 4, 29, 32, 33, 42, 46 | 6 |
| 57 | 14, 49 | 2 |
| 58 | 13 | 1 |
| 60 | 1, 17, 24 | 3 | >58 | 7 | Tinggi |
| 61 | 18, 27 | 2 |
| 62 | 23 | 1 |
| 63 | 16 | 1 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Kategori | Interval | frekuensi | Persentase Relatif | Persentase Kumulatif |
| Rendah | 47 ke bawah | 7 | 14,3 | 14,3 |
| Sedang | 47 s/d 52 | 16 | 32,6 | 46,9 |
| Cukup | 52 s/d 58 | 19 | 38,8 | 85,7 |
| Tinggi | 58 ke atas | 7 | 14,3 | 100 |
| Total |  | 49 | 100 |  |

**Nilai Matematika**

**Frequencies**

| **Statistics** | | |
| --- | --- | --- |
| N | Valid | 49 |
| Missing | 0 |
| Mean | | 80.5714 |
| Median | | 80.0000 |
| Mode | | 81.00 |
| Std. Deviation | | 4.46281 |
| Variance | | 19.917 |
| Skewness | | 1.075 |
| Std. Error of Skewness | | .340 |
| Range | | 22.00 |
| Minimum | | 74.00 |
| Maximum | | 96.00 |
| Sum | | 3948.00 |

**Frequency Table**

|  |  | Frequency | Percent | Valid Percent | Cumulative Percent |
| --- | --- | --- | --- | --- | --- |
| Valid | 74 | 2 | 4.1 | 4.1 | 4.1 |
| 75 | 4 | 8.2 | 8.2 | 12.2 |
| 76 | 3 | 6.1 | 6.1 | 18.4 |
| 77 | 3 | 6.1 | 6.1 | 24.5 |
| 78 | 5 | 10.2 | 10.2 | 34.7 |
| 79 | 3 | 6.1 | 6.1 | 40.8 |
| 80 | 6 | 12.2 | 12.2 | 53.1 |
| 81 | 7 | 14.3 | 14.3 | 67.3 |
| 82 | 5 | 10.2 | 10.2 | 77.6 |
| 83 | 2 | 4.1 | 4.1 | 81.6 |
| 85 | 2 | 4.1 | 4.1 | 85.7 |
| 86 | 2 | 4.1 | 4.1 | 89.8 |
| 87 | 2 | 4.1 | 4.1 | 93.9 |
| 89 | 1 | 2.0 | 2.0 | 95.9 |
| 90 | 1 | 2.0 | 2.0 | 98.0 |
| 96 | 1 | 2.0 | 2.0 | 100.0 |
| Total | 49 | 100.0 | 100.0 |  |

Skor maksimum = 96

Skor Minimum = 74

**M** (Rata-Rata) = (skor maksimum + skor minimum)

= (96 + 74)

**= 85**

**SD** (Standar Deviasi) = (skor maksimum - skor minimum)

= (96-74)

= **3,67**

|  |  |
| --- | --- |
| **Rendah**  **<80** | **= (M - 1,5 SD) ke bawah**  = 85 – (1,5 x 3,67)  = 85 – 5,5  = 79,5  = 80 |
| **Sedang**  **80 s.d 85** | **= (M - 1,5 SD sampai dengan M)**  = 85 – (1,5 x 3,67) sampai dengan 85  = 85 – 5,5 sampai dengan 85  = 80 sampai dengan 85  = 80 sampai dengan 85 |
| **Cukup**  **86 s.d 91** | **= (M sampai dengan M + 1,5 SD)**  = 85 sampai dengan 85 + (1,5 x 3,67)  = 85 sampai dengan 85 + 5,5  = 85 sampai dengan 90,5  = 85 sampai dengan 91 |
| **Tinggi**  **>91** | **= (M + 1,5 SD) Ke atas**  = 85 + (1,5 x 3,67) ke atas  = 85 + 5,5 ke atas  = 90,5 ke atas  = 91 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Nilai** | **No.Urut Siswa** | **𝞢** | **interval** | **Frekuensi** | **Keterangan** |
| 74 | 2, 22 | 2 | <80 | 20 | RENDAH |
| 75 | 21, 41, 44, 47 | 4 |
| 76 | 6, 13, 25 | 3 |
| 77 | 3, 5, 10 | 3 |
| 78 | 9, 15, 24, 36, 40 | 5 |
| 79 | 23, 28, 34 | 3 |
| 80 | 6, 12, 17, 26, 33, 35 | 6 | 80 - 85 | 22 | SEDANG |
| 81 | 4, 7, 18, 29, 37, 39, 46 | 7 |
| 82 | 19, 30, 31, 42, 45 | 5 |
| 83 | 38, 43 | 2 |
| 85 | 27, 32 | 2 |
| 86 | 20, 48 | 2 | 86 -91 | 6 | CUKUP |
| 87 | 14, 49 | 2 |
| 89 | 11 | 1 |
| 90 | 1 | 1 |
| 96 | 16 | 1 | >91 | 1 | TINGGI |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Kategori | Interval | frekuensi | Persentase Relatif | Persentase Kumulatif |
| Rendah | 80 ke bawah | 20 | 40,82 | 40,82 |
| Sedang | 80 s/d 85 | 22 | 44,9 | 85,72 |
| Cukup | 85 s/d 91 | 6 | 12,24 | 97,96 |
| Tinggi | 91 ke atas | 1 | 2,04 | 100 |
| total |  | 49 | 100 |  |

**KETERANGAN STATISTIK DESKRIPTIF**

|  |  |  |  |
| --- | --- | --- | --- |
| NO. URUT | MOTIVASI | MINAT | HASIL BELAJAR |
| 1 | Tinggi | Tinggi | Cukup |
| 2 | Sedang | Cukup | Rendah |
| 3 | Sedang | Rendah | Rendah |
| 4 | Tinggi | Cukup | Sedang |
| 5 | Cukup | Sedang | Rendah |
| 6 | Sedang | Rendah | Rendah |
| 7 | Sedang | Sedang | Sedang |
| 8 | Sedang | Sedang | Sedang |
| 9 | Sedang | Sedang | Rendah |
| 10 | Sedang | Cukup | Rendah |
| 11 | Cukup | Cukup | Cukup |
| 12 | Tinggi | Cukup | Sedang |
| 13 | Tinggi | Cukup | Rendah |
| 14 | Cukup | Cukup | Cukup |
| 15 | Sedang | Rendah | Rendah |
| 16 | Tinggi | Tinggi | Tinggi |
| 17 | Cukup | Tinggi | Sedang |
| 18 | Sedang | Tinggi | Sedang |
| 19 | Sedang | Sedang | Sedang |
| 20 | Cukup | Sedang | Cukup |
| 21 | Rendah | Rendah | Rendah |
| 22 | Cukup | Cukup | Rendah |
| 23 | Cukup | Tinggi | Rendah |
| 24 | Sedang | Tinggi | Rendah |
| 25 | Sedang | Sedang | Rendah |
| 26 | Cukup | Cukup | Sedang |
| 27 | Cukup | Tinggi | Sedang |
| 28 | Sedang | Sedang | Rendah |
| 29 | Cukup | Cukup | Sedang |
| 30 | Sedang | Cukup | Sedang |
| 31 | Sedang | Rendah | Sedang |
| 32 | Tinggi | Cukup | Sedang |
| 33 | Sedang | Cukup | Sedang |
| 34 | Sedang | Cukup | Rendah |
| 35 | Cukup | Rendah | Sedang |
| 36 | Cukup | Sedang | Rendah |
| 37 | Cukup | Cukup | Sedang |
| 38 | Rendah | Rendah | Sedang |
| 39 | Cukup | Sedang | Sedang |
| 40 | Sedang | Sedang | Rendah |
| 41 | Rendah | Sedang | Rendah |
| 42 | Sedang | Cukup | Sedang |
| 43 | Cukup | Sedang | Sedang |
| 44 | Sedang | Sedang | Rendah |
| 45 | Cukup | Sedang | Sedang |
| 46 | Sedang | Cukup | Sedang |
| 47 | Sedang | Sedang | Rendah |
| 48 | Sedang | Cukup | Cukup |
| 49 | Sedang | Cukup | Cukup |