# LAMPIRAN-LAMPIRAN

Lampiran 1

Instrumen Angket Motivasi Belajar Matematika Siswamen Angket Motivasi Belajar Matematika Siswa

**Kelas :**

**Petunjuk :**

Berikut ini terdapat beberapa pernyataan untuk mengetahui motivasi belajar matematika siswa. Anda diminta untuk memilih salah satu pernyataan yang sesuai dengan apa yang biasa anda rasakan dan alami sebelum atau pada saat pembelajaran matematika berlangsung.

Cara pengisiannya dengan memberikan tanda check list ( √ ) pada salah satu kolom yang telah disediakan dengan keterangan yaitu, sangat sering( SS ), sering ( S ), Jarang ( J ), tidak pernah ( TP ).

Angket ini bukan merupakan suatu tes. Jawaban anda tidak mempengaruhi nilai pelajaran matematika anda dan jawaban anda terjamin kerahasiaannya. Terima kasih atas perhatian dan kerja samanya.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Pernyataan** | **SS** | **S** | **J** | **TP** |
| 1. | Saya selalu membaca Kembali materi pelajaran yang telah disampaikan guru. |  |  |  |  |
| 2. | Saya mencatat jika guru memberikan informasi mengenai materi pelajaran yang penting. |  |  |  |  |
| 3. | Saya malas mencari materi yang berhubungan dengan pelajaran matematika dari berbagai sumber. |  |  |  |  |
| 4. | Saya cepat bosan dalam memahami materi yang diberikan guru. |  |  |  |  |
| 5. | Saya tidak malu bertanya kepada guru/teman yang sudah paham jika ada materi yang belum saya mengerti. |  |  |  |  |
| 6. | Saya mendengarkan dan memperhatikan dengan baik ketika guru menjelaskan pelajaran. |  |  |  |  |
| 7. | Saya selalu semangat saat mengikuti pembelajaran. |  |  |  |  |
| 8. | Saya tidak bertanya kepada guru mengenai yang tidak saya pahami. |  |  |  |  |
| 9. | Saya lebih senang berbicara dengan teman dan tidak mendengarkan saat guru menjelaskan. |  |  |  |  |
| 10. | Saya tidak mengerjakan tugas yang diberikan guru jika saya tidak memahami tugasnya. |  |  |  |  |
| 11. | Saya langsung mengerjakan setiap ada tugas yang diberikan guru. |  |  |  |  |
| 12. | Saya mengerjakan tugas yang diberikan guru sampai selesai dengan sungguh-sungguh. |  |  |  |  |
| 13. | Apabila saya menemukan soal yang sulit, maka saya berusaha untuk mengerjakannya sampai saya menemukan jawabannya. |  |  |  |  |
| 14. | Jika saya mendapat nilai jelek, maka saya akan terus belajar agar nilai saya menjadi baik. |  |  |  |  |
| 15. | Ketika mengalami kesulitan dalam mengerjakan tugas, saya menunggu jawaban teman. |  |  |  |  |
| 16. | Saya tidak belajar jika materi yang diberikan guru sulit dipahami. |  |  |  |  |
| 17. | Saya tidak mudah putus asa saat mengalami kesulitan dalam belajar. |  |  |  |  |
| 18. | Saya lupa mengerjakan tugas yang diberikan guru. |  |  |  |  |
| 19. | Saya berusaha mengerjakan sendiri terlebih dahulu bila ada tugas yang diberikan guru. |  |  |  |  |
| 20. | Ketika mendapat nilai yang jelek saya mudah menyerah dan malas belajar lebih giat lagi. |  |  |  |  |

Lampiran 2

Tes Soal

Sekolah : MTs Al Ikhlasiyah Sei Buluh

Mata Pelajaran : Matematika

Kelas/Semester : VIII/Genap

**Nama :**

**Kelas :**

**No. Absen :**

1. **Petunjuk Pengerjaan**
2. Tulislah dahulu nama, kelas dan nomor absen pada lembar jawaban yang tersedia
3. Periksa dan bacalah soal serta petunjuk pengerjaannya sebelum menjawab
4. Tanyakan kepada pengawas jika ada soal yang kurang jelas
5. Dahulukan menjawab soal-soal yang dianggap paling mudah
6. Kerjakan pada lembar jawaban yang disediakan
7. Kerjakan dengan menulis yang diketahui (secara urut)
8. **Kerjakan soal dibawah ini dengan tepat dan benar!**
9. Diketahui sebuah persegi panjang, memiliki panjang salah satu sisi adalah 12 cm dan Panjang diagonalnya adalah 13 cm. Hitunglah Panjang sisi lebar dari persegi panjang tersebut!

Perhatikan gambar berikut, untuk memudahkan menjawab pertanyaan tersebut.

**13 cm**

**x**

**12 cm**

1. Jika diketahui diameter suatu lingkaran adalah 35 cm, dan π = . Tentukan jari-jari dan keliling lingkaran tersebut!
2. Sebuah taman rumput berbentuk lingkaran dengan jari-jari 20 m dan π = 3,14. Didalam taman terdapat kolam berbentuk persegi panjang dengan ukuran 16m x 12m. Jika harga rumput Rp. 3.250/m2. Maka biaya yang diperlukan untuk membeli rumput yang akan ditanam pada taman tersebut adalah?
3. Diketahui sebuah balok dengan Panjang 8 cm, lebar 6 cm, dan luas permukaan balok adalah 208 cm2. Hitunglah tinggi balok tersebut!

Lampiran 3

Alternatif Jawaban Soal

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Kunci Jawaban** | **Skor** | **Jumlah Skor** |
| **1.** | Diketahui : Sisi Panjang (b) = 12 cm  Sisi Diagonal (c) = 13 cm  Ditanya : Sisi Lebar (a) ?  Dijawab : c2 = a2 + b2  132 = a2 + 122  169 = a2 + 144  a2 = 169 – 144  = 25  a =  = 5  Jadi, sisi lebar pada persegi panjang tersebut adalah 5 cm. | 4  2  5  14 | 25 |
| **2.** | Diketahui : Diameter (d) = 35 cm  π = .  Ditanya : a. Jari-jari (r) ?  b.Keliling (k) ?  Dijawab : a. d = 2 r b. K = π d  35 = 2 r = . 35  r = 17,5 cm = 110 cm  Jadi, jari-jari pada lingkaran adalah 17,5 cm dan keliling lingkaran tersebut adalah 110 cm | 4  4  5  12 | 25 |
| **3.** | Diketahui : Jari-jari (r) = 20m  π = 3,14  Panjang (p) = 16 m  Lebar (l) = 12 m  Harga rumput = 3.250/m2  Ditanya : Biaya yang diperlukan membeli rumput yang akan ditanam pada taman?  Dijawab : **Luas taman (lingkaran)**  Lt = π r2  = 3,14 . 202  = 1.250 m2  **Luas kolam (persegi panjang)**  Lk = p x l  = 16 m x 12 m  = 192 m2  **Luas taman yang akan ditanam rumput**  L = Lt – Lk  = 1.250 m2 - 192 m2  = 1.064 m2  Karena harga rumput Rp. 3.250/ m2, maka untuk 1.064 m2 biaya harga rumput yang di perlukan adalah 1.064 m2 x 3.250 = Rp. 3.458.000 | 5  2  6  12 | 25 |
| **4.** | Diketahui : Panjang (p) = 8 cm  Lebar (l) = 6 cm  Luas (L) = 208 cm2  Ditanya : Tinggi (t) ?  Dijawab : L = 2( pl + pt + lt )  208 = 2 ( (8.6) + (8.t) + (6.t) )  208 = 2 (48 + 14t)  104 = 48 + 14t  104-48 = 14t  56 = 14t  t = 4 cm  Jadi, tinggi balok tersebut adalah 4 cm | 4  2  5  14 | 25 |
| **Total Skor** | | **100** | |

Lampiran 4

Hasil Analisis Data Uji Instrumen

Berikut ini adalah tabel hasil data uji instrumen validitas tes soal dan motivasi belajar dengan menggunakan bantuan SPSS.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Correlations** | | | | | | |
|  | | S\_1 | S\_2 | S\_3 | S\_4 | S\_T |
| S\_1 | Pearson Correlation | 1 | .166 | .473\*\* | .292 | .745\*\* |
| Sig. (2-tailed) |  | .334 | .004 | .084 | .000 |
| N | 36 | 36 | 36 | 36 | 36 |
| S\_2 | Pearson Correlation | .166 | 1 | .345\* | .356\* | .657\*\* |
| Sig. (2-tailed) | .334 |  | .039 | .033 | .000 |
| N | 36 | 36 | 36 | 36 | 36 |
| S\_3 | Pearson Correlation | .473\*\* | .345\* | 1 | .254 | .770\*\* |
| Sig. (2-tailed) | .004 | .039 |  | .135 | .000 |
| N | 36 | 36 | 36 | 36 | 36 |
| S\_4 | Pearson Correlation | .292 | .356\* | .254 | 1 | .596\*\* |
| Sig. (2-tailed) | .084 | .033 | .135 |  | .000 |
| N | 36 | 36 | 36 | 36 | 36 |
| S\_T | Pearson Correlation | .745\*\* | .657\*\* | .770\*\* | .596\*\* | 1 |
| Sig. (2-tailed) | .000 | .000 | .000 | .000 |  |
| N | 36 | 36 | 36 | 36 | 36 |
| \*\*. Correlation is significant at the 0.01 level (2-tailed). | | | | | | |
| \*. Correlation is significant at the 0.05 level (2-tailed). | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Correlations** | | | | | | | | | | | | | | | | | | | | | | | |
|  | | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | P11 | P12 | P13 | P14 | P15 | P16 | P17 | P18 | P19 | P20 | P\_TOTAL |
| P1 | Pearson Correlation | 1 | .431\*\* | .536\*\* | .247 | -.484\*\* | .687\*\* | .677\*\* | .260 | .560\*\* | .362\* | .664\*\* | .798\*\* | .415\* | .449\*\* | .347\* | .628\*\* | -.115 | .213 | .769\*\* | .085 | .806\*\* |
| Sig. (2-tailed) |  | .009 | .001 | .146 | .003 | .000 | .000 | .125 | .000 | .030 | .000 | .000 | .012 | .006 | .038 | .000 | .504 | .212 | .000 | .623 | .000 |
| N | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| P2 | Pearson Correlation | .431\*\* | 1 | .137 | .190 | -.270 | .550\*\* | .335\* | -.003 | .457\*\* | -.079 | .089 | .115 | .153 | .428\*\* | .231 | .498\*\* | -.107 | .039 | .519\*\* | .148 | .465\*\* |
| Sig. (2-tailed) | .009 |  | .425 | .266 | .111 | .001 | .046 | .984 | .005 | .645 | .607 | .505 | .373 | .009 | .176 | .002 | .536 | .823 | .001 | .388 | .004 |
| N | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| P3 | Pearson Correlation | .536\*\* | .137 | 1 | .469\*\* | -.228 | .295 | .541\*\* | .292 | .341\* | .668\*\* | .635\*\* | .623\*\* | .445\*\* | .240 | .113 | .633\*\* | -.308 | .539\*\* | .366\* | .326 | .724\*\* |
| Sig. (2-tailed) | .001 | .425 |  | .004 | .182 | .081 | .001 | .084 | .042 | .000 | .000 | .000 | .007 | .158 | .511 | .000 | .067 | .001 | .028 | .052 | .000 |
| N | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| P4 | Pearson Correlation | .247 | .190 | .469\*\* | 1 | -.453\*\* | .167 | .243 | -.174 | .434\*\* | .390\* | .115 | .318 | .606\*\* | .248 | .100 | .469\*\* | .010 | .378\* | .420\* | .393\* | .533\*\* |
| Sig. (2-tailed) | .146 | .266 | .004 |  | .006 | .331 | .153 | .311 | .008 | .019 | .506 | .059 | .000 | .145 | .563 | .004 | .953 | .023 | .011 | .018 | .001 |
| N | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| P5 | Pearson Correlation | -.484\*\* | -.270 | -.228 | -.453\*\* | 1 | -.711\*\* | -.349\* | -.293 | -.730\*\* | -.101 | -.213 | -.546\*\* | -.460\*\* | -.583\*\* | -.172 | -.634\*\* | .306 | -.314 | -.459\*\* | -.220 | -.559\*\* |
| Sig. (2-tailed) | .003 | .111 | .182 | .006 |  | .000 | .037 | .083 | .000 | .556 | .212 | .001 | .005 | .000 | .316 | .000 | .070 | .062 | .005 | .197 | .000 |
| N | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| P6 | Pearson Correlation | .687\*\* | .550\*\* | .295 | .167 | -.711\*\* | 1 | .435\*\* | .408\* | .569\*\* | .081 | .291 | .510\*\* | .391\* | .477\*\* | .301 | .657\*\* | -.282 | .183 | .515\*\* | -.005 | .616\*\* |
| Sig. (2-tailed) | .000 | .001 | .081 | .331 | .000 |  | .008 | .014 | .000 | .641 | .085 | .001 | .018 | .003 | .074 | .000 | .096 | .284 | .001 | .977 | .000 |
| N | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| P7 | Pearson Correlation | .677\*\* | .335\* | .541\*\* | .243 | -.349\* | .435\*\* | 1 | -.121 | .575\*\* | .694\*\* | .637\*\* | .755\*\* | .526\*\* | .754\*\* | .664\*\* | .705\*\* | -.317 | .339\* | .667\*\* | .326 | .860\*\* |
| Sig. (2-tailed) | .000 | .046 | .001 | .153 | .037 | .008 |  | .483 | .000 | .000 | .000 | .000 | .001 | .000 | .000 | .000 | .060 | .043 | .000 | .052 | .000 |
| N | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| P8 | Pearson Correlation | .260 | -.003 | .292 | -.174 | -.293 | .408\* | -.121 | 1 | .030 | -.110 | .214 | .166 | .081 | -.154 | -.198 | .222 | -.280 | .441\*\* | .003 | -.331\* | .135 |
| Sig. (2-tailed) | .125 | .984 | .084 | .311 | .083 | .014 | .483 |  | .862 | .523 | .209 | .334 | .638 | .370 | .246 | .193 | .098 | .007 | .985 | .049 | .432 |
| N | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| P9 | Pearson Correlation | .560\*\* | .457\*\* | .341\* | .434\*\* | -.730\*\* | .569\*\* | .575\*\* | .030 | 1 | .181 | .226 | .546\*\* | .497\*\* | .668\*\* | .510\*\* | .724\*\* | -.302 | .365\* | .641\*\* | .205 | .711\*\* |
| Sig. (2-tailed) | .000 | .005 | .042 | .008 | .000 | .000 | .000 | .862 |  | .292 | .185 | .001 | .002 | .000 | .001 | .000 | .074 | .029 | .000 | .231 | .000 |
| N | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| P10 | Pearson Correlation | .362\* | -.079 | .668\*\* | .390\* | -.101 | .081 | .694\*\* | -.110 | .181 | 1 | .715\*\* | .638\*\* | .595\*\* | .417\* | .237 | .524\*\* | -.315 | .389\* | .454\*\* | .272 | .663\*\* |
| Sig. (2-tailed) | .030 | .645 | .000 | .019 | .556 | .641 | .000 | .523 | .292 |  | .000 | .000 | .000 | .011 | .164 | .001 | .062 | .019 | .005 | .109 | .000 |
| N | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| P11 | Pearson Correlation | .664\*\* | .089 | .635\*\* | .115 | -.213 | .291 | .637\*\* | .214 | .226 | .715\*\* | 1 | .813\*\* | .314 | .292 | .000 | .417\* | -.224 | .213 | .546\*\* | .269 | .659\*\* |
| Sig. (2-tailed) | .000 | .607 | .000 | .506 | .212 | .085 | .000 | .209 | .185 | .000 |  | .000 | .062 | .084 | .998 | .011 | .190 | .212 | .001 | .113 | .000 |
| N | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| P12 | Pearson Correlation | .798\*\* | .115 | .623\*\* | .318 | -.546\*\* | .510\*\* | .755\*\* | .166 | .546\*\* | .638\*\* | .813\*\* | 1 | .585\*\* | .573\*\* | .313 | .685\*\* | -.338\* | .334\* | .704\*\* | .318 | .841\*\* |
| Sig. (2-tailed) | .000 | .505 | .000 | .059 | .001 | .001 | .000 | .334 | .001 | .000 | .000 |  | .000 | .000 | .063 | .000 | .043 | .046 | .000 | .059 | .000 |
| N | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| P13 | Pearson Correlation | .415\* | .153 | .445\*\* | .606\*\* | -.460\*\* | .391\* | .526\*\* | .081 | .497\*\* | .595\*\* | .314 | .585\*\* | 1 | .559\*\* | .494\*\* | .757\*\* | -.529\*\* | .730\*\* | .635\*\* | -.079 | .735\*\* |
| Sig. (2-tailed) | .012 | .373 | .007 | .000 | .005 | .018 | .001 | .638 | .002 | .000 | .062 | .000 |  | .000 | .002 | .000 | .001 | .000 | .000 | .645 | .000 |
| N | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| P14 | Pearson Correlation | .449\*\* | .428\*\* | .240 | .248 | -.583\*\* | .477\*\* | .754\*\* | -.154 | .668\*\* | .417\* | .292 | .573\*\* | .559\*\* | 1 | .685\*\* | .738\*\* | -.623\*\* | .332\* | .552\*\* | .309 | .697\*\* |
| Sig. (2-tailed) | .006 | .009 | .158 | .145 | .000 | .003 | .000 | .370 | .000 | .011 | .084 | .000 | .000 |  | .000 | .000 | .000 | .048 | .000 | .067 | .000 |
| N | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| P15 | Pearson Correlation | .347\* | .231 | .113 | .100 | -.172 | .301 | .664\*\* | -.198 | .510\*\* | .237 | .000 | .313 | .494\*\* | .685\*\* | 1 | .531\*\* | -.340\* | .364\* | .342\* | -.047 | .522\*\* |
| Sig. (2-tailed) | .038 | .176 | .511 | .563 | .316 | .074 | .000 | .246 | .001 | .164 | .998 | .063 | .002 | .000 |  | .001 | .042 | .029 | .041 | .784 | .001 |
| N | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| P16 | Pearson Correlation | .628\*\* | .498\*\* | .633\*\* | .469\*\* | -.634\*\* | .657\*\* | .705\*\* | .222 | .724\*\* | .524\*\* | .417\* | .685\*\* | .757\*\* | .738\*\* | .531\*\* | 1 | -.505\*\* | .605\*\* | .648\*\* | .161 | .898\*\* |
| Sig. (2-tailed) | .000 | .002 | .000 | .004 | .000 | .000 | .000 | .193 | .000 | .001 | .011 | .000 | .000 | .000 | .001 |  | .002 | .000 | .000 | .348 | .000 |
| N | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| P17 | Pearson Correlation | -.115 | -.107 | -.308 | .010 | .306 | -.282 | -.317 | -.280 | -.302 | -.315 | -.224 | -.338\* | -.529\*\* | -.623\*\* | -.340\* | -.505\*\* | 1 | -.589\*\* | -.203 | .017 | -.382\* |
| Sig. (2-tailed) | .504 | .536 | .067 | .953 | .070 | .096 | .060 | .098 | .074 | .062 | .190 | .043 | .001 | .000 | .042 | .002 |  | .000 | .234 | .922 | .022 |
| N | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| P18 | Pearson Correlation | .213 | .039 | .539\*\* | .378\* | -.314 | .183 | .339\* | .441\*\* | .365\* | .389\* | .213 | .334\* | .730\*\* | .332\* | .364\* | .605\*\* | -.589\*\* | 1 | .250 | -.195 | .536\*\* |
| Sig. (2-tailed) | .212 | .823 | .001 | .023 | .062 | .284 | .043 | .007 | .029 | .019 | .212 | .046 | .000 | .048 | .029 | .000 | .000 |  | .141 | .253 | .001 |
| N | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| P19 | Pearson Correlation | .769\*\* | .519\*\* | .366\* | .420\* | -.459\*\* | .515\*\* | .667\*\* | .003 | .641\*\* | .454\*\* | .546\*\* | .704\*\* | .635\*\* | .552\*\* | .342\* | .648\*\* | -.203 | .250 | 1 | .058 | .801\*\* |
| Sig. (2-tailed) | .000 | .001 | .028 | .011 | .005 | .001 | .000 | .985 | .000 | .005 | .001 | .000 | .000 | .000 | .041 | .000 | .234 | .141 |  | .736 | .000 |
| N | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| P20 | Pearson Correlation | .085 | .148 | .326 | .393\* | -.220 | -.005 | .326 | -.331\* | .205 | .272 | .269 | .318 | -.079 | .309 | -.047 | .161 | .017 | -.195 | .058 | 1 | .283 |
| Sig. (2-tailed) | .623 | .388 | .052 | .018 | .197 | .977 | .052 | .049 | .231 | .109 | .113 | .059 | .645 | .067 | .784 | .348 | .922 | .253 | .736 |  | .094 |
| N | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| P\_TOTAL | Pearson Correlation | .806\*\* | .465\*\* | .724\*\* | .533\*\* | -.559\*\* | .616\*\* | .860\*\* | .135 | .711\*\* | .663\*\* | .659\*\* | .841\*\* | .735\*\* | .697\*\* | .522\*\* | .898\*\* | -.382\* | .536\*\* | .801\*\* | .283 | 1 |
| Sig. (2-tailed) | .000 | .004 | .000 | .001 | .000 | .000 | .000 | .432 | .000 | .000 | .000 | .000 | .000 | .000 | .001 | .000 | .022 | .001 | .000 | .094 |  |
| N | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| \*\*. Correlation is significant at the 0.01 level (2-tailed). | | | | | | | | | | | | | | | | | | | | | | | |
| \*. Correlation is significant at the 0.05 level (2-tailed). | | | | | | | | | | | | | | | | | | | | | | | |

Berikut ini adalah tabel hasil data uji instrumen reliabilitas tes soal dan angket motivasi belajar dengan menggunakan bantuan SPSS.

|  |  |
| --- | --- |
| **Reliability Statistics** | |
| Cronbach's Alpha | N of Items |
| .633 | 4 |

|  |  |
| --- | --- |
| **Reliability Statistics** | |
| Cronbach's Alpha | N of Items |
| .857 | 20 |

Lampiran 5

Hasil Analisis Data Daya Pembeda Tes Soal Matematika

Perhitungan daya pembeda tes soal matematika dengan menggunakan bantuka Mc.Excel sebagai berikut

**Siswa Kelompok Atas**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Nomor** | **Responden** | **Soal 1** | **Soal 2** | **Soal 3** | **Soal 4** | **Jumlah** |
| 1 | Res-13 | 25 | 25 | 25 | 25 | **100** |
| 2 | Res-21 | 25 | 25 | 25 | 25 | **100** |
| 3 | Res -30 | 25 | 25 | 25 | 20 | **95** |
| 4 | Res -33 | 19 | 25 | 25 | 25 | **94** |
| 5 | Res -27 | 20 | 20 | 20 | 20 | **80** |
| 6 | Res -26 | 21 | 23 | 20 | 14 | **78** |
| 7 | Res -32 | 14 | 23 | 21 | 20 | **78** |
| 8 | Res -36 | 14 | 21 | 23 | 20 | **78** |
| 9 | Res -18 | 25 | 12 | 18 | 20 | **75** |
| 10 | Res -11 | 14 | 14 | 25 | 20 | **73** |
| 11 | Res -4 | 14 | 14 | 19 | 25 | **72** |

**Siswa Kelompok Bawah**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Nomor** | **Responden** | **Soal 1** | **Soal 2** | **Soal 3** | **Soal 4** | **Jumlah** |
| 1 | Res -10 | 2 | 18 | 18 | 19 | **57** |
| 2 | Res -22 | 11 | 9 | 14 | 20 | **54** |
| 3 | Res -31 | 9 | 11 | 20 | 14 | **54** |
| 4 | Res -5 | 14 | 17 | 12 | 7 | **50** |
| 5 | Res -23 | 4 | 19 | 4 | 21 | **48** |
| 6 | Res -3 | 6 | 9 | 19 | 12 | **46** |
| 7 | Res -6 | 6 | 8 | 17 | 11 | **42** |
| 8 | Res -20 | 6 | 8 | 17 | 11 | **42** |
| 9 | Res -34 | 2 | 17 | 2 | 19 | **40** |
| 10 | Res -19 | 14 | 2 | 2 | 19 | **37** |
| 11 | Res -35 | 2 | 14 | 2 | 19 | **37** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **S\_1** | **S\_2** | **S\_3** | **S\_4** |
| **∑X** | 495 | 562 | 624 | 679 |
| **N\*30%** | 10,8 | 10,8 | 10,8 | 10,8 |
|  | 19,63636 | 20,63636 | 22,36364 | 21,27273 |
|  | 6,909091 | 12 | 11,54545 | 15,63636 |
| **SMI** | 25 | 25 | 25 | 25 |

**Soal Nomor 1.**

DP =  = = 0,509091 = 0,51

**Soal Nomor 2.**

DP = = = 0,345455 = 0,35

**Soal Nomor 3.**

DP = = = 0,432727 = 0,43

**Soal Nomor 4.**

DP = = = 0,225455 = 0,23

Lampiran 6

Hasil Analisis Data Indeks Kesukaran Tes Soal Matematika

Perhitungan daya pembeda tes soal matematika dengan menggunakan bantuka Mc.Excel sebagai berikut

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No** | **Responden** | **Soal 1** | **Soal 2** | **Soal 3** | **Soal 4** | **Jumlah** |
| 1 | Res-1 | 2 | 25 | 19 | 20 | **66** |
| 2 | Res-2 | 15 | 17 | 19 | 20 | **71** |
| 3 | Res-3 | 6 | 9 | 19 | 12 | **46** |
| 4 | Res-4 | 14 | 14 | 19 | 25 | **72** |
| 5 | Res-5 | 14 | 17 | 12 | 7 | **50** |
| 6 | Res-6 | 6 | 8 | 17 | 11 | **42** |
| 7 | Res-7 | 14 | 10 | 19 | 19 | **62** |
| 8 | Res-8 | 14 | 9 | 19 | 19 | **61** |
| 9 | Res-9 | 14 | 10 | 18 | 19 | **61** |
| 10 | Res-10 | 2 | 18 | 18 | 19 | **57** |
| 11 | Res-11 | 14 | 14 | 25 | 20 | **73** |
| 12 | Res-12 | 25 | 10 | 18 | 19 | **72** |
| 13 | Res-13 | 25 | 25 | 25 | 25 | **100** |
| 14 | Res-14 | 7 | 20 | 19 | 20 | **66** |
| 15 | Res-15 | 15 | 19 | 15 | 22 | **71** |
| 16 | Res-16 | 14 | 10 | 18 | 19 | **61** |
| 17 | Res-17 | 16 | 12 | 20 | 21 | **69** |
| 18 | Res-18 | 25 | 12 | 18 | 20 | **75** |
| 19 | Res-19 | 14 | 2 | 2 | 19 | **37** |
| 20 | Res-20 | 6 | 8 | 17 | 11 | **42** |
| 21 | Res-21 | 25 | 25 | 25 | 25 | **100** |
| 22 | Res-22 | 11 | 9 | 14 | 20 | **54** |
| 23 | Res-23 | 4 | 19 | 4 | 21 | **48** |
| 24 | Res-24 | 7 | 20 | 19 | 20 | **66** |
| 25 | Res-25 | 16 | 12 | 20 | 22 | **70** |
| 26 | Res-26 | 21 | 23 | 20 | 14 | **78** |
| 27 | Res-27 | 20 | 20 | 20 | 20 | **80** |
| 28 | Res-28 | 19 | 19 | 10 | 14 | **62** |
| 29 | Res-29 | 25 | 10 | 18 | 19 | **72** |
| 30 | Res-30 | 25 | 25 | 25 | 20 | **95** |
| 31 | Res-31 | 9 | 11 | 20 | 14 | **54** |
| 32 | Res-32 | 14 | 23 | 21 | 20 | **78** |
| 33 | Res-33 | 19 | 25 | 25 | 25 | **94** |
| 34 | Res-34 | 2 | 17 | 2 | 19 | **40** |
| 34 | Res-35 | 2 | 14 | 2 | 19 | **37** |
| 36 | Res-36 | 14 | 21 | 23 | 20 | **78** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **S\_1** | **S\_2** | **S\_3** | **S\_4** |
| **∑X** | 495 | 562 | 624 | 679 |
|  | 13,75 | 15,61111 | 17,33333 | 18,86111 |
| **SMI** | 25 | 25 | 25 | 25 |

**Soal Nomor 1.**

IK = = = 0,55

**Soal Nomor 2.**

IK = = 0,624444 = 0,62

**Soal Nomor 3.**

IK = = = 0,693333 = 0,69

**Soal Nomor 4.**

IK = = = 0,754444 = 0,75

Lampiran 7

Hasil Analisis Data Tes Soal Matematika

**Hasil Tes Matematika Siswa Laki-Laki Kelas VIII MTs Al-Ikhlasiyah Sei Buluh Tahun Pelajaran 2020/2021**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No** | **Responden** | **1** | **2** | **3** | **4** | **Jumlah** |
| 1 | SL-1 | 21 | 20 | 24 | 23 | **88** |
| 2 | SL-2 | 20 | 19 | 19 | 25 | **83** |
| 3 | SL-3 | 15 | 21 | 19 | 20 | **75** |
| 4 | SL-4 | 17 | 14 | 22 | 19 | **72** |
| 5 | SL-5 | 23 | 22 | 21 | 20 | **86** |
| 6 | SL-6 | 20 | 20 | 20 | 20 | **80** |
| 7 | SL-7 | 14 | 14 | 20 | 20 | **68** |
| 8 | SL-8 | 19 | 23 | 18 | 20 | **80** |
| 9 | SL-9 | 25 | 25 | 13 | 14 | **77** |
| 10 | SL-10 | 14 | 25 | 20 | 25 | **84** |
| 11 | SL-11 | 14 | 25 | 23 | 25 | **87** |
| 12 | SL-12 | 14 | 19 | 22 | 20 | **75** |
| 13 | SL-13 | 14 | 17 | 19 | 20 | **70** |
| 14 | SL-14 | 23 | 24 | 20 | 25 | **92** |
| 15 | SL-15 | 19 | 21 | 23 | 25 | **88** |
| 16 | SL-16 | 14 | 21 | 23 | 20 | **78** |
| 17 | SL-17 | 25 | 24 | 24 | 21 | **94** |
| 18 | SL-18 | 16 | 21 | 21 | 11 | **69** |
| 19 | SL-19 | 24 | 20 | 23 | 22 | **89** |
| 20 | SL-20 | 12 | 16 | 19 | 18 | **65** |
| 21 | SL-21 | 10 | 14 | 15 | 19 | **58** |
| 22 | SL-22 | 18 | 19 | 25 | 22 | **84** |
| 23 | SL-23 | 22 | 25 | 23 | 20 | **90** |
| 24 | SL-24 | 19 | 23 | 23 | 20 | **85** |
| 25 | SL-25 | 20 | 17 | 22 | 19 | **78** |
| 26 | SL-26 | 18 | 20 | 14 | 14 | **66** |
| 27 | SL-27 | 20 | 19 | 14 | 18 | **71** |
| 28 | SL-28 | 25 | 19 | 25 | 15 | **84** |
| 29 | SL-29 | 18 | 21 | 14 | 20 | **73** |
| 30 | SL-30 | 10 | 18 | 20 | 20 | **68** |
| 31 | SL-31 | 22 | 23 | 5 | 18 | **68** |
| 32 | SL-32 | 10 | 20 | 14 | 14 | **58** |
| 33 | SL-33 | 19 | 20 | 17 | 13 | **69** |
| 34 | SL-34 | 23 | 20 | 13 | 11 | **67** |
| 34 | SL-35 | 14 | 12 | 18 | 19 | **63** |
| 36 | SL-36 | 19 | 21 | 23 | 22 | **85** |
| 37 | SL-37 | 22 | 18 | 14 | 16 | **70** |

**Hasil Tes Matematika Siswa Perempuan Kelas VIII MTs Al-Ikhlasiyah Sei Buluh Tahun Pelajaran 2020/2021**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No** | **Responden** | **S1** | **S2** | **S3** | **S4** | **Jumlah** |
| **1** | SP-1 | 2 | 25 | 19 | 20 | 66 |
| 2 | SP-2 | 15 | 17 | 19 | 20 | **71** |
| 3 | SP-3 | 6 | 9 | 19 | 12 | **46** |
| 4 | SP-4 | 14 | 14 | 19 | 25 | **72** |
| 5 | SP-5 | 14 | 17 | 12 | 7 | **50** |
| 6 | SP-6 | 6 | 8 | 17 | 11 | **42** |
| 7 | SP-7 | 14 | 10 | 19 | 19 | **62** |
| 8 | SP-8 | 14 | 9 | 19 | 19 | **61** |
| 9 | SP-9 | 14 | 10 | 18 | 19 | **61** |
| 10 | SP-10 | 2 | 18 | 18 | 19 | **57** |
| 11 | SP-11 | 14 | 14 | 25 | 20 | **73** |
| 12 | SP-12 | 25 | 10 | 18 | 19 | **72** |
| 13 | SP-13 | 7 | 20 | 19 | 20 | **66** |
| 14 | SP-14 | 25 | 25 | 25 | 25 | **100** |
| 15 | SP-15 | 15 | 19 | 15 | 22 | **71** |
| 16 | SP-16 | 14 | 10 | 18 | 19 | **61** |
| 17 | SP-17 | 16 | 12 | 20 | 21 | **69** |
| 18 | SP-18 | 25 | 12 | 18 | 20 | **75** |
| 19 | SP-19 | 14 | 2 | 2 | 19 | **37** |
| 20 | SP-20 | 21 | 23 | 22 | 20 | **86** |
| 21 | SP-21 | 19 | 14 | 11 | 25 | **69** |
| 22 | SP-22 | 11 | 9 | 14 | 20 | **54** |
| 23 | SP-23 | 4 | 19 | 4 | 21 | **48** |
| 24 | SP-24 | 7 | 20 | 19 | 20 | **66** |
| 25 | SP-25 | 16 | 12 | 20 | 22 | **70** |
| 26 | SP-26 | 21 | 23 | 20 | 14 | **78** |
| 27 | SP-27 | 20 | 20 | 20 | 20 | **80** |
| 28 | SP-28 | 19 | 19 | 10 | 14 | **62** |
| 29 | SP-29 | 25 | 10 | 18 | 19 | **72** |
| 30 | SP-30 | 25 | 25 | 25 | 20 | **95** |
| 31 | SP-31 | 9 | 11 | 20 | 14 | **54** |
| 32 | SP-32 | 14 | 23 | 21 | 20 | **78** |
| 33 | SP-33 | 19 | 14 | 25 | 20 | **78** |
| 34 | SP-34 | 2 | 17 | 2 | 19 | **40** |
| 34 | SP-35 | 25 | 25 | 20 | 25 | **95** |
| 36 | SP-36 | 25 | 24 | 23 | 22 | **94** |

Lampiran 8

Hasil Analisis Data Angket Motivasi Belajar

**Hasil Angket Motivasi Belajar Siswa Laki-Laki Kelas VIII MTs Al-Ikhlasiyah Sei Buluh Tahun Pelajaran 2020/2021**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Responden** | **A1** | **A2** | **A3** | **A4** | **A5** | **A6** | **A7** | **A8** | **A9** | **A10** |
| 1 | SL-1 | 4 | 2 | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 4 |
| 2 | SL-2 | 4 | 3 | 2 | 3 | 4 | 3 | 3 | 2 | 2 | 4 |
| 3 | SL-3 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 |
| 4 | SL-4 | 2 | 3 | 3 | 2 | 2 | 3 | 2 | 2 | 2 | 2 |
| 5 | SL-5 | 4 | 3 | 3 | 3 | 1 | 4 | 4 | 4 | 2 | 2 |
| 6 | SL-6 | 4 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 |
| 7 | SL-7 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 1 | 3 | 3 |
| 8 | SL-8 | 3 | 3 | 4 | 3 | 4 | 3 | 2 | 4 | 3 | 4 |
| 9 | SL-9 | 2 | 2 | 3 | 2 | 4 | 3 | 2 | 3 | 2 | 3 |
| 10 | SL-10 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 3 |
| 11 | SL-11 | 3 | 1 | 4 | 3 | 2 | 3 | 3 | 3 | 4 | 4 |
| 12 | SL-12 | 2 | 2 | 4 | 3 | 2 | 2 | 2 | 3 | 3 | 4 |
| 13 | SL-13 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 4 | 3 |
| 14 | SL-14 | 4 | 3 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 4 |
| 15 | SL-15 | 4 | 3 | 3 | 3 | 2 | 3 | 4 | 4 | 2 | 2 |
| 16 | SL-16 | 3 | 2 | 3 | 4 | 3 | 2 | 3 | 3 | 4 | 2 |
| 17 | SL-17 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 |
| 18 | SL-18 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 |
| 19 | SL-19 | 4 | 3 | 3 | 2 | 2 | 4 | 4 | 4 | 4 | 4 |
| 20 | SL-20 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 |
| 21 | SL-21 | 2 | 1 | 2 | 3 | 3 | 3 | 2 | 2 | 3 | 2 |
| 22 | SL-22 | 3 | 4 | 3 | 3 | 2 | 3 | 2 | 3 | 4 | 4 |
| 23 | SL-23 | 4 | 2 | 4 | 4 | 3 | 2 | 2 | 2 | 4 | 2 |
| 24 | SL-24 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 1 | 4 | 4 |
| 25 | SL-25 | 3 | 4 | 3 | 2 | 1 | 3 | 3 | 4 | 1 | 3 |
| 26 | SL-26 | 4 | 2 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 4 |
| 27 | SL-27 | 3 | 2 | 3 | 2 | 4 | 3 | 2 | 2 | 3 | 2 |
| 28 | SL-28 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 |
| 29 | SL-29 | 4 | 4 | 4 | 4 | 2 | 3 | 2 | 3 | 3 | 4 |
| 30 | SL-30 | 3 | 3 | 3 | 3 | 1 | 4 | 4 | 4 | 2 | 2 |
| 31 | SL-31 | 4 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 |
| 32 | SL-32 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 1 | 3 | 3 |
| 33 | SL-33 | 2 | 3 | 4 | 3 | 4 | 3 | 2 | 4 | 3 | 4 |
| 34 | SL-34 | 2 | 2 | 3 | 2 | 4 | 3 | 2 | 3 | 2 | 3 |
| 35 | SL-35 | 4 | 3 | 3 | 2 | 3 | 3 | 4 | 2 | 3 | 3 |
| 36 | SL-36 | 3 | 3 | 4 | 3 | 2 | 4 | 3 | 3 | 4 | 4 |
| 37 | SL-37 | 4 | 2 | 4 | 3 | 2 | 3 | 4 | 3 | 3 | 4 |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **A11** | **A12** | **A13** | **A14** | **A15** | **A16** | **A17** | **A18** | **A19** | **A20** | **Jumlah** |
|  |  |  |  |  |  |  |  |  |  |  |
| 4 | 4 | 3 | 3 | 4 | 3 | 2 | 3 | 3 | 4 | **67** |
| 3 | 2 | 3 | 1 | 4 | 2 | 4 | 3 | 3 | 2 | **57** |
| 3 | 3 | 3 | 3 | 2 | 2 | 4 | 2 | 3 | 2 | **55** |
| 2 | 2 | 4 | 3 | 2 | 3 | 1 | 3 | 3 | 3 | **49** |
| 2 | 4 | 4 | 3 | 3 | 1 | 3 | 1 | 4 | 3 | **58** |
| 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 4 | **59** |
| 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | **54** |
| 3 | 2 | 2 | 1 | 2 | 3 | 3 | 4 | 1 | 2 | **56** |
| 2 | 3 | 3 | 3 | 3 | 4 | 3 | 1 | 2 | 3 | **53** |
| 4 | 3 | 3 | 3 | 4 | 3 | 2 | 4 | 3 | 3 | **58** |
| 3 | 4 | 3 | 3 | 3 | 4 | 2 | 3 | 2 | 4 | **61** |
| 2 | 3 | 2 | 2 | 2 | 3 | 4 | 4 | 3 | 4 | **56** |
| 2 | 2 | 3 | 3 | 4 | 3 | 3 | 3 | 2 | 4 | **56** |
| 3 | 4 | 3 | 4 | 3 | 3 | 2 | 4 | 4 | 4 | **71** |
| 4 | 2 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | **56** |
| 3 | 2 | 2 | 3 | 1 | 2 | 3 | 2 | 2 | 3 | **52** |
| 4 | 4 | 3 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | **76** |
| 2 | 2 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | **53** |
| 4 | 4 | 4 | 4 | 4 | 4 | 1 | 4 | 4 | 1 | **68** |
| 3 | 3 | 3 | 4 | 3 | 3 | 4 | 3 | 3 | 4 | **61** |
| 3 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | **51** |
| 4 | 3 | 4 | 3 | 4 | 4 | 3 | 3 | 2 | 4 | **65** |
| 4 | 3 | 3 | 4 | 2 | 2 | 4 | 4 | 4 | 3 | **62** |
| 4 | 3 | 3 | 2 | 3 | 4 | 3 | 3 | 4 | 4 | **67** |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 1 | **54** |
| 4 | 4 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 4 | **65** |
| 2 | 3 | 2 | 2 | 2 | 3 | 4 | 1 | 4 | 2 | **51** |
| 3 | 3 | 3 | 3 | 2 | 2 | 4 | 2 | 3 | 2 | **54** |
| 2 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | **67** |
| 2 | 4 | 4 | 3 | 3 | 1 | 3 | 1 | 4 | 3 | **57** |
| 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 4 | **59** |
| 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | **54** |
| 3 | 2 | 2 | 1 | 2 | 3 | 3 | 4 | 1 | 2 | **55** |
| 2 | 3 | 3 | 3 | 3 | 4 | 3 | 1 | 2 | 3 | **53** |
| 4 | 3 | 4 | 3 | 4 | 3 | 2 | 4 | 3 | 3 | **63** |
| 3 | 4 | 3 | 4 | 3 | 4 | 2 | 3 | 3 | 4 | **66** |
| 2 | 3 | 2 | 4 | 2 | 3 | 4 | 4 | 3 | 4 | **63** |

**Hasil Angket Motivasi Belajar Siswa Perempuan Kelas VIII MTs Al-Ikhlasiyah Sei Buluh Tahun Pelajaran 2020/2021**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Responden** | **A1** | **A2** | **A3** | **A4** | **A5** | **A6** | **A7** | **A8** | **A9** | **A10** |
| 1 | SP-1 | 4 | 3 | 3 | 4 | 3 | 3 | 3 | 4 | 3 | 2 |
| 2 | SP-2 | 3 | 3 | 4 | 4 | 1 | 4 | 3 | 4 | 4 | 4 |
| 3 | SP-3 | 3 | 2 | 4 | 3 | 4 | 2 | 3 | 4 | 4 | 4 |
| 4 | SP-4 | 3 | 4 | 4 | 3 | 2 | 4 | 4 | 3 | 4 | 4 |
| 5 | SP-5 | 4 | 4 | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 4 |
| 6 | SP-6 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 4 | 3 |
| 7 | SP-7 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 4 |
| 8 | SP-8 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 4 |
| 9 | SP-9 | 3 | 3 | 3 | 2 | 1 | 4 | 3 | 4 | 4 | 2 |
| 10 | SP-10 | 4 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 4 |
| 11 | SP-11 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 |
| 12 | SP-12 | 2 | 2 | 4 | 4 | 2 | 3 | 3 | 4 | 4 | 4 |
| 13 | SP-13 | 4 | 4 | 3 | 4 | 1 | 4 | 3 | 3 | 4 | 3 |
| 14 | SP-14 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 4 |
| 15 | SP-15 | 3 | 3 | 4 | 3 | 4 | 2 | 3 | 3 | 3 | 4 |
| 16 | SP-16 | 3 | 3 | 3 | 2 | 1 | 4 | 3 | 4 | 4 | 2 |
| 17 | SP-17 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 4 |
| 18 | SP-18 | 3 | 4 | 3 | 3 | 2 | 3 | 4 | 3 | 3 | 3 |
| 19 | SP-19 | 2 | 3 | 3 | 3 | 3 | 2 | 2 | 4 | 3 | 2 |
| 20 | SP-20 | 3 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 4 |
| 21 | SP-21 | 4 | 3 | 4 | 3 | 4 | 2 | 3 | 4 | 2 | 4 |
| 22 | SP-22 | 3 | 4 | 4 | 3 | 2 | 4 | 4 | 3 | 4 | 4 |
| 23 | SP-23 | 4 | 4 | 3 | 2 | 3 | 4 | 2 | 4 | 3 | 2 |
| 24 | SP-24 | 4 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 4 | 3 |
| 25 | SP-25 | 3 | 4 | 3 | 4 | 1 | 4 | 3 | 3 | 4 | 3 |
| 26 | SP-26 | 4 | 3 | 4 | 4 | 1 | 4 | 3 | 4 | 4 | 4 |
| 27 | SP-27 | 3 | 4 | 4 | 4 | 2 | 4 | 4 | 3 | 4 | 4 |
| 28 | SP-28 | 4 | 1 | 4 | 3 | 2 | 3 | 3 | 3 | 4 | 4 |
| 29 | SP-29 | 3 | 2 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 4 |
| 30 | SP-30 | 4 | 3 | 2 | 4 | 4 | 3 | 2 | 2 | 3 | 3 |
| 31 | SP-31 | 3 | 4 | 4 | 3 | 2 | 4 | 4 | 3 | 4 | 4 |
| 32 | SP-32 | 4 | 4 | 4 | 4 | 2 | 4 | 4 | 3 | 4 | 4 |
| 33 | SP-33 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 4 | 3 |
| 34 | SP-34 | 4 | 3 | 3 | 2 | 2 | 4 | 4 | 4 | 4 | 4 |
| 35 | SP-35 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 4 |
| 36 | SP-36 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 4 |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **A11** | **A12** | **A13** | **A14** | **A15** | **A16** | **A17** | **A18** | **A19** | **A20** | Jumlah |
| 3 | 4 | 2 | 3 | 2 | 4 | 3 | 4 | 3 | 4 | **64** |
| 4 | 4 | 4 | 3 | 2 | 4 | 2 | 4 | 4 | 2 | **67** |
| 4 | 3 | 2 | 3 | 2 | 3 | 4 | 4 | 3 | 3 | **64** |
| 4 | 4 | 3 | 4 | 3 | 4 | 1 | 3 | 4 | 4 | **69** |
| 2 | 3 | 3 | 3 | 4 | 3 | 4 | 4 | 4 | 4 | **69** |
| 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | **55** |
| 4 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 3 | 4 | **57** |
| 4 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 3 | 4 | **57** |
| 4 | 4 | 1 | 3 | 2 | 3 | 3 | 2 | 3 | 4 | **58** |
| 3 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 3 | 4 | **58** |
| 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | **54** |
| 4 | 3 | 3 | 2 | 2 | 3 | 2 | 4 | 3 | 4 | **62** |
| 2 | 3 | 4 | 4 | 3 | 4 | 1 | 4 | 3 | 4 | **65** |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | **77** |
| 4 | 3 | 4 | 3 | 2 | 3 | 4 | 3 | 3 | 4 | **65** |
| 4 | 4 | 1 | 3 | 2 | 3 | 3 | 2 | 3 | 4 | **58** |
| 3 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 3 | 4 | **56** |
| 2 | 3 | 2 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | **62** |
| 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | **52** |
| 4 | 4 | 4 | 3 | 2 | 4 | 4 | 4 | 4 | 4 | **74** |
| 4 | 3 | 2 | 4 | 4 | 3 | 3 | 4 | 3 | 4 | **67** |
| 4 | 4 | 3 | 4 | 3 | 4 | 1 | 3 | 4 | 4 | **69** |
| 2 | 1 | 1 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | **51** |
| 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | **57** |
| 2 | 3 | 4 | 4 | 3 | 4 | 1 | 4 | 3 | 4 | **64** |
| 4 | 4 | 4 | 3 | 2 | 4 | 2 | 4 | 4 | 2 | **68** |
| 4 | 4 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | **72** |
| 3 | 4 | 3 | 3 | 3 | 4 | 2 | 3 | 2 | 4 | **62** |
| 4 | 4 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 4 | **64** |
| 2 | 4 | 2 | 3 | 3 | 2 | 4 | 4 | 3 | 4 | **61** |
| 4 | 4 | 3 | 4 | 3 | 4 | 1 | 3 | 4 | 4 | **69** |
| 4 | 4 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | **73** |
| 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | **55** |
| 4 | 4 | 4 | 4 | 4 | 4 | 1 | 4 | 4 | 1 | **68** |
| 4 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 4 | 4 | **73** |
| 4 | 4 | 3 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | **75** |

Lampiran 9

Hasil Analisis Transformasi Data Angket Motivasi Belajar

**Succesive Interval (Siswa Laki-Laki)**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | **4** | **2** | **4** | **4** | **3** | **3** | **4** | **3** | **3** | **4** |
| 1 | 3,292 | 2,151 | 3,717 | 3,622 | 3,169 | 2,597 | 3,333 | 2,999 | 3,272 | 3,312 |
| 2 | 3,292 | 3,373 | 1,000 | 2,331 | 4,140 | 2,597 | 2,180 | 1,945 | 2,148 | 3,312 |
| 3 | 2,110 | 3,373 | 1,000 | 1,000 | 3,169 | 2,597 | 2,180 | 2,999 | 3,272 | 2,106 |
| 4 | 1,000 | 3,373 | 2,344 | 1,000 | 2,239 | 2,597 | 1,000 | 1,945 | 2,148 | 1,000 |
| 5 | 3,292 | 3,373 | 2,344 | 2,331 | 1,000 | 4,148 | 3,333 | 4,283 | 2,148 | 1,000 |
| 6 | 3,292 | 3,373 | 2,344 | 2,331 | 2,239 | 2,597 | 2,180 | 2,999 | 3,272 | 2,106 |
| 7 | 2,110 | 3,373 | 2,344 | 1,000 | 2,239 | 2,597 | 2,180 | 1,000 | 3,272 | 2,106 |
| 8 | 2,110 | 3,373 | 3,717 | 2,331 | 4,140 | 2,597 | 1,000 | 4,283 | 3,272 | 3,312 |
| 9 | 1,000 | 2,151 | 2,344 | 1,000 | 4,140 | 2,597 | 1,000 | 2,999 | 2,148 | 2,106 |
| 10 | 2,110 | 3,373 | 1,000 | 1,000 | 2,239 | 2,597 | 2,180 | 1,945 | 3,272 | 2,106 |
| 11 | 2,110 | 1,000 | 3,717 | 2,331 | 2,239 | 2,597 | 2,180 | 2,999 | 4,532 | 3,312 |
| 12 | 1,000 | 2,151 | 3,717 | 2,331 | 2,239 | 1,000 | 1,000 | 2,999 | 3,272 | 3,312 |
| 13 | 1,000 | 3,373 | 2,344 | 2,331 | 2,239 | 1,000 | 1,000 | 2,999 | 4,532 | 2,106 |
| 14 | 3,292 | 3,373 | 3,717 | 2,331 | 4,140 | 4,148 | 3,333 | 2,999 | 4,532 | 3,312 |
| 15 | 3,292 | 3,373 | 2,344 | 2,331 | 2,239 | 2,597 | 3,333 | 4,283 | 2,148 | 1,000 |
| 16 | 2,110 | 2,151 | 2,344 | 3,622 | 3,169 | 1,000 | 2,180 | 2,999 | 4,532 | 1,000 |
| 17 | 2,110 | 4,748 | 3,717 | 3,622 | 4,140 | 4,148 | 3,333 | 2,999 | 4,532 | 3,312 |
| 18 | 1,000 | 2,151 | 2,344 | 2,331 | 3,169 | 2,597 | 2,180 | 1,945 | 3,272 | 2,106 |
| 19 | 3,292 | 3,373 | 2,344 | 1,000 | 2,239 | 4,148 | 3,333 | 4,283 | 4,532 | 3,312 |
| 20 | 2,110 | 2,151 | 2,344 | 2,331 | 3,169 | 2,597 | 2,180 | 2,999 | 2,148 | 2,106 |
| 21 | 1,000 | 1,000 | 1,000 | 2,331 | 3,169 | 2,597 | 1,000 | 1,945 | 3,272 | 1,000 |
| 22 | 2,110 | 4,748 | 2,344 | 2,331 | 2,239 | 2,597 | 1,000 | 2,999 | 4,532 | 3,312 |
| 23 | 3,292 | 2,151 | 3,717 | 3,622 | 3,169 | 1,000 | 1,000 | 1,945 | 4,532 | 1,000 |
| 24 | 3,292 | 3,373 | 2,344 | 2,331 | 4,140 | 4,148 | 3,333 | 1,000 | 4,532 | 3,312 |
| 25 | 2,110 | 4,748 | 2,344 | 1,000 | 1,000 | 2,597 | 2,180 | 4,283 | 1,000 | 2,106 |
| 26 | 3,292 | 2,151 | 3,717 | 3,622 | 3,169 | 2,597 | 2,180 | 2,999 | 3,272 | 3,312 |
| 27 | 2,110 | 2,151 | 2,344 | 1,000 | 4,140 | 2,597 | 1,000 | 1,945 | 3,272 | 1,000 |
| 28 | 1,000 | 3,373 | 1,000 | 1,000 | 3,169 | 2,597 | 2,180 | 2,999 | 3,272 | 2,106 |
| 29 | 3,292 | 4,748 | 3,717 | 3,622 | 2,239 | 2,597 | 1,000 | 2,999 | 3,272 | 3,312 |
| 30 | 2,110 | 3,373 | 2,344 | 2,331 | 1,000 | 4,148 | 3,333 | 4,283 | 2,148 | 1,000 |
| 31 | 3,292 | 3,373 | 2,344 | 2,331 | 2,239 | 2,597 | 2,180 | 2,999 | 3,272 | 2,106 |
| 32 | 2,110 | 3,373 | 2,344 | 1,000 | 2,239 | 2,597 | 2,180 | 1,000 | 3,272 | 2,106 |
| 33 | 1,000 | 3,373 | 3,717 | 2,331 | 4,140 | 2,597 | 1,000 | 4,283 | 3,272 | 3,312 |
| 34 | 1,000 | 2,151 | 2,344 | 1,000 | 4,140 | 2,597 | 1,000 | 2,999 | 2,148 | 2,106 |
| 35 | 3,292 | 3,373 | 2,344 | 1,000 | 3,169 | 2,597 | 3,333 | 1,945 | 3,272 | 2,106 |
| 36 | 2,110 | 3,373 | 3,717 | 2,331 | 2,239 | 4,148 | 2,180 | 2,999 | 4,532 | 3,312 |
| 37 | 3,292 | 2,151 | 3,717 | 2,331 | 2,239 | 2,597 | 3,333 | 2,999 | 3,272 | 3,312 |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **4** | **4** | **3** | **3** | **4** | **3** | **2** | **3** | **3** | **4** | **Jumlah** |
| 3,280 | 3,580 | 2,394 | 2,890 | 4,739 | 3,030 | 2,196 | 2,536 | 2,993 | 3,986 | **63,087** |
| 2,162 | 1,000 | 2,394 | 1,000 | 4,739 | 1,899 | 4,317 | 2,536 | 2,993 | 2,057 | **51,415** |
| 2,162 | 2,282 | 2,394 | 2,890 | 2,258 | 1,899 | 4,317 | 1,721 | 2,993 | 2,057 | **48,779** |
| 1,000 | 1,000 | 3,786 | 2,890 | 2,258 | 3,030 | 1,000 | 2,536 | 2,993 | 2,891 | **42,030** |
| 1,000 | 3,580 | 3,786 | 2,890 | 3,455 | 1,000 | 3,207 | 1,000 | 4,317 | 2,891 | **54,380** |
| 1,000 | 2,282 | 2,394 | 2,890 | 3,455 | 3,030 | 2,196 | 2,536 | 2,993 | 3,986 | **53,496** |
| 2,162 | 2,282 | 2,394 | 2,890 | 3,455 | 3,030 | 2,196 | 2,536 | 2,993 | 2,057 | **48,216** |
| 2,162 | 1,000 | 1,000 | 1,000 | 2,258 | 3,030 | 3,207 | 3,772 | 1,000 | 2,057 | **50,620** |
| 1,000 | 2,282 | 2,394 | 2,890 | 3,455 | 4,386 | 3,207 | 1,000 | 1,899 | 2,891 | **46,890** |
| 3,280 | 2,282 | 2,394 | 2,890 | 4,739 | 3,030 | 2,196 | 3,772 | 2,993 | 2,891 | **52,288** |
| 2,162 | 3,580 | 2,394 | 2,890 | 3,455 | 4,386 | 2,196 | 2,536 | 1,899 | 3,986 | **56,500** |
| 1,000 | 2,282 | 1,000 | 1,794 | 2,258 | 3,030 | 4,317 | 3,772 | 2,993 | 3,986 | **49,455** |
| 1,000 | 1,000 | 2,394 | 2,890 | 4,739 | 3,030 | 3,207 | 2,536 | 1,899 | 3,986 | **49,605** |
| 2,162 | 3,580 | 2,394 | 4,283 | 3,455 | 3,030 | 2,196 | 3,772 | 4,317 | 3,986 | **68,352** |
| 3,280 | 1,000 | 2,394 | 1,794 | 2,258 | 1,899 | 3,207 | 2,536 | 2,993 | 2,057 | **50,358** |
| 2,162 | 1,000 | 1,000 | 2,890 | 1,000 | 1,899 | 3,207 | 1,721 | 1,899 | 2,891 | **44,777** |
| 3,280 | 3,580 | 2,394 | 4,283 | 3,455 | 4,386 | 4,317 | 3,772 | 4,317 | 3,986 | **74,432** |
| 1,000 | 1,000 | 1,000 | 2,890 | 3,455 | 3,030 | 2,196 | 2,536 | 2,993 | 2,891 | **46,086** |
| 3,280 | 3,580 | 3,786 | 4,283 | 4,739 | 4,386 | 1,000 | 3,772 | 4,317 | 1,000 | **66,000** |
| 2,162 | 2,282 | 2,394 | 4,283 | 3,455 | 3,030 | 4,317 | 2,536 | 2,993 | 3,986 | **55,574** |
| 2,162 | 2,282 | 1,000 | 1,794 | 3,455 | 3,030 | 3,207 | 2,536 | 2,993 | 2,891 | **43,664** |
| 3,280 | 2,282 | 3,786 | 2,890 | 4,739 | 4,386 | 3,207 | 2,536 | 1,899 | 3,986 | **61,204** |
| 3,280 | 2,282 | 2,394 | 4,283 | 2,258 | 1,899 | 4,317 | 3,772 | 4,317 | 2,891 | **57,122** |
| 3,280 | 2,282 | 2,394 | 1,794 | 3,455 | 4,386 | 3,207 | 2,536 | 4,317 | 3,986 | **63,443** |
| 2,162 | 2,282 | 2,394 | 2,890 | 3,455 | 3,030 | 3,207 | 1,721 | 2,993 | 1,000 | **48,502** |
| 3,280 | 3,580 | 2,394 | 2,890 | 3,455 | 3,030 | 2,196 | 2,536 | 2,993 | 3,986 | **60,651** |
| 1,000 | 2,282 | 1,000 | 1,794 | 2,258 | 3,030 | 4,317 | 1,000 | 4,317 | 2,057 | **44,616** |
| 2,162 | 2,282 | 2,394 | 2,890 | 2,258 | 1,899 | 4,317 | 1,721 | 2,993 | 2,057 | **47,669** |
| 1,000 | 3,580 | 3,786 | 2,890 | 3,455 | 3,030 | 3,207 | 3,772 | 4,317 | 3,986 | **63,823** |
| 1,000 | 3,580 | 3,786 | 2,890 | 3,455 | 1,000 | 3,207 | 1,000 | 4,317 | 2,891 | **53,197** |
| 1,000 | 2,282 | 2,394 | 2,890 | 3,455 | 3,030 | 2,196 | 2,536 | 2,993 | 3,986 | **53,496** |
| 2,162 | 2,282 | 2,394 | 2,890 | 3,455 | 3,030 | 2,196 | 2,536 | 2,993 | 2,057 | **48,216** |
| 2,162 | 1,000 | 1,000 | 1,000 | 2,258 | 3,030 | 3,207 | 3,772 | 1,000 | 2,057 | **49,510** |
| 1,000 | 2,282 | 2,394 | 2,890 | 3,455 | 4,386 | 3,207 | 1,000 | 1,899 | 2,891 | **46,890** |
| 3,280 | 2,282 | 3,786 | 2,890 | 4,739 | 3,030 | 2,196 | 3,772 | 2,993 | 2,891 | **58,290** |
| 2,162 | 3,580 | 2,394 | 4,283 | 3,455 | 4,386 | 2,196 | 2,536 | 2,993 | 3,986 | **62,911** |
| 1,000 | 2,282 | 1,000 | 4,283 | 2,258 | 3,030 | 4,317 | 3,772 | 2,993 | 3,986 | **58,166** |

**Succesive Interval (Siswa Perempuan)**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | **4** | **3** | **3** | **4** | **3** | **3** | **3** | **4** | **3** | **2** |
| 1 | 3,453 | 3,038 | 2,629 | 3,795 | 2,991 | 1,946 | 2,555 | 3,485 | 2,413 | 1,000 |
| 2 | 2,192 | 3,038 | 4,140 | 3,795 | 1,000 | 3,069 | 2,555 | 3,485 | 3,925 | 3,180 |
| 3 | 2,192 | 2,029 | 4,140 | 2,391 | 4,093 | 1,000 | 2,555 | 3,485 | 3,925 | 3,180 |
| 4 | 2,192 | 4,284 | 4,140 | 2,391 | 2,052 | 3,069 | 4,047 | 2,199 | 3,925 | 3,180 |
| 5 | 3,453 | 4,284 | 2,629 | 2,391 | 2,991 | 3,069 | 2,555 | 3,485 | 2,413 | 3,180 |
| 6 | 1,000 | 3,038 | 2,629 | 2,391 | 2,991 | 1,000 | 2,555 | 1,000 | 3,925 | 1,905 |
| 7 | 1,000 | 3,038 | 2,629 | 2,391 | 2,991 | 1,000 | 2,555 | 1,000 | 2,413 | 3,180 |
| 8 | 1,000 | 3,038 | 2,629 | 2,391 | 2,991 | 1,000 | 2,555 | 1,000 | 2,413 | 3,180 |
| 9 | 2,192 | 3,038 | 2,629 | 1,000 | 1,000 | 3,069 | 2,555 | 3,485 | 3,925 | 1,000 |
| 10 | 3,453 | 2,029 | 2,629 | 2,391 | 2,052 | 1,946 | 2,555 | 2,199 | 2,413 | 3,180 |
| 11 | 2,192 | 2,029 | 2,629 | 2,391 | 2,052 | 1,946 | 2,555 | 2,199 | 2,413 | 1,905 |
| 12 | 1,000 | 2,029 | 4,140 | 3,795 | 2,052 | 1,946 | 2,555 | 3,485 | 3,925 | 3,180 |
| 13 | 3,453 | 4,284 | 2,629 | 3,795 | 1,000 | 3,069 | 2,555 | 2,199 | 3,925 | 1,905 |
| 14 | 2,192 | 4,284 | 4,140 | 2,391 | 2,991 | 3,069 | 4,047 | 3,485 | 3,925 | 3,180 |
| 15 | 2,192 | 3,038 | 4,140 | 2,391 | 4,093 | 1,000 | 2,555 | 2,199 | 2,413 | 3,180 |
| 16 | 2,192 | 3,038 | 2,629 | 1,000 | 1,000 | 3,069 | 2,555 | 3,485 | 3,925 | 1,000 |
| 17 | 1,000 | 2,029 | 2,629 | 2,391 | 2,052 | 1,946 | 2,555 | 2,199 | 2,413 | 3,180 |
| 18 | 2,192 | 4,284 | 2,629 | 2,391 | 2,052 | 1,946 | 4,047 | 2,199 | 2,413 | 1,905 |
| 19 | 1,000 | 3,038 | 2,629 | 2,391 | 2,991 | 1,000 | 1,000 | 3,485 | 2,413 | 1,000 |
| 20 | 2,192 | 4,284 | 4,140 | 3,795 | 2,991 | 3,069 | 2,555 | 3,485 | 3,925 | 3,180 |
| 21 | 3,453 | 3,038 | 4,140 | 2,391 | 4,093 | 1,000 | 2,555 | 3,485 | 1,000 | 3,180 |
| 22 | 2,192 | 4,284 | 4,140 | 2,391 | 2,052 | 3,069 | 4,047 | 2,199 | 3,925 | 3,180 |
| 23 | 3,453 | 4,284 | 2,629 | 1,000 | 2,991 | 3,069 | 1,000 | 3,485 | 2,413 | 1,000 |
| 24 | 3,453 | 3,038 | 2,629 | 2,391 | 2,991 | 1,000 | 2,555 | 1,000 | 3,925 | 1,905 |
| 25 | 2,192 | 4,284 | 2,629 | 3,795 | 1,000 | 3,069 | 2,555 | 2,199 | 3,925 | 1,905 |
| 26 | 3,453 | 3,038 | 4,140 | 3,795 | 1,000 | 3,069 | 2,555 | 3,485 | 3,925 | 3,180 |
| 27 | 2,192 | 4,284 | 4,140 | 3,795 | 2,052 | 3,069 | 4,047 | 2,199 | 3,925 | 3,180 |
| 28 | 3,453 | 1,000 | 4,140 | 2,391 | 2,052 | 1,946 | 2,555 | 2,199 | 3,925 | 3,180 |
| 29 | 2,192 | 2,029 | 4,140 | 3,795 | 2,991 | 1,946 | 2,555 | 2,199 | 2,413 | 3,180 |
| 30 | 3,453 | 3,038 | 1,000 | 3,795 | 4,093 | 1,946 | 1,000 | 1,000 | 2,413 | 1,905 |
| 31 | 2,192 | 4,284 | 4,140 | 2,391 | 2,052 | 3,069 | 4,047 | 2,199 | 3,925 | 3,180 |
| 32 | 3,453 | 4,284 | 4,140 | 3,795 | 2,052 | 3,069 | 4,047 | 2,199 | 3,925 | 3,180 |
| 33 | 1,000 | 3,038 | 2,629 | 2,391 | 2,991 | 1,000 | 2,555 | 1,000 | 3,925 | 1,905 |
| 34 | 3,453 | 3,038 | 2,629 | 1,000 | 2,052 | 3,069 | 4,047 | 3,485 | 3,925 | 3,180 |
| 35 | 2,192 | 4,284 | 4,140 | 2,391 | 4,093 | 3,069 | 4,047 | 2,199 | 3,925 | 3,180 |
| 36 | 3,453 | 4,284 | 4,140 | 3,795 | 2,991 | 3,069 | 4,047 | 2,199 | 3,925 | 3,180 |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **3** | **4** | **2** | **3** | **2** | **4** | **3** | **4** | **3** | **4** | **Jumlah** |
| 1,790 | 4,096 | 2,211 | 2,593 | 1,000 | 4,187 | 2,573 | 3,401 | 2,442 | 3,762 | **55,360** |
| 2,816 | 4,096 | 4,180 | 2,593 | 1,000 | 4,187 | 1,774 | 3,401 | 3,877 | 1,791 | **60,094** |
| 2,816 | 2,850 | 2,211 | 2,593 | 1,000 | 2,670 | 3,770 | 3,401 | 2,442 | 2,422 | **55,166** |
| 2,816 | 4,096 | 3,168 | 4,111 | 2,273 | 4,187 | 1,000 | 2,156 | 3,877 | 3,762 | **62,924** |
| 1,000 | 2,850 | 3,168 | 2,593 | 3,436 | 2,670 | 3,770 | 3,401 | 3,877 | 3,762 | **60,976** |
| 1,000 | 1,958 | 2,211 | 2,593 | 2,273 | 2,670 | 2,573 | 2,156 | 2,442 | 2,422 | **44,732** |
| 2,816 | 2,850 | 2,211 | 2,593 | 1,000 | 2,670 | 2,573 | 1,000 | 2,442 | 3,762 | **46,114** |
| 2,816 | 2,850 | 2,211 | 2,593 | 1,000 | 2,670 | 2,573 | 1,000 | 2,442 | 3,762 | **46,114** |
| 2,816 | 4,096 | 1,000 | 2,593 | 1,000 | 2,670 | 2,573 | 1,000 | 2,442 | 3,762 | **47,845** |
| 1,790 | 2,850 | 2,211 | 2,593 | 1,000 | 2,670 | 2,573 | 1,000 | 2,442 | 3,762 | **47,738** |
| 1,000 | 1,958 | 2,211 | 2,593 | 2,273 | 2,670 | 2,573 | 2,156 | 1,000 | 2,422 | **43,168** |
| 2,816 | 2,850 | 3,168 | 1,000 | 1,000 | 2,670 | 1,774 | 3,401 | 2,442 | 3,762 | **52,992** |
| 1,000 | 2,850 | 4,180 | 4,111 | 2,273 | 4,187 | 1,000 | 3,401 | 2,442 | 3,762 | **58,019** |
| 2,816 | 4,096 | 4,180 | 4,111 | 3,436 | 4,187 | 3,770 | 3,401 | 3,877 | 3,762 | **71,339** |
| 2,816 | 2,850 | 4,180 | 2,593 | 1,000 | 2,670 | 3,770 | 2,156 | 2,442 | 3,762 | **55,441** |
| 2,816 | 4,096 | 1,000 | 2,593 | 1,000 | 2,670 | 2,573 | 1,000 | 2,442 | 3,762 | **47,845** |
| 1,790 | 2,850 | 2,211 | 2,593 | 1,000 | 2,670 | 2,573 | 1,000 | 2,442 | 3,762 | **45,286** |
| 1,000 | 2,850 | 2,211 | 2,593 | 3,436 | 2,670 | 2,573 | 3,401 | 2,442 | 3,762 | **52,995** |
| 1,000 | 1,958 | 2,211 | 1,000 | 1,000 | 2,670 | 2,573 | 2,156 | 2,442 | 2,422 | **40,379** |
| 2,816 | 4,096 | 4,180 | 2,593 | 1,000 | 4,187 | 3,770 | 3,401 | 3,877 | 3,762 | **67,298** |
| 2,816 | 2,850 | 2,211 | 4,111 | 3,436 | 2,670 | 2,573 | 3,401 | 2,442 | 3,762 | **58,607** |
| 2,816 | 4,096 | 3,168 | 4,111 | 2,273 | 4,187 | 1,000 | 2,156 | 3,877 | 3,762 | **62,924** |
| 1,000 | 1,000 | 1,000 | 1,000 | 1,000 | 2,670 | 2,573 | 1,000 | 1,000 | 1,791 | **39,357** |
| 1,000 | 1,958 | 2,211 | 2,593 | 2,273 | 2,670 | 2,573 | 2,156 | 2,442 | 2,422 | **47,185** |
| 1,000 | 2,850 | 4,180 | 4,111 | 2,273 | 4,187 | 1,000 | 3,401 | 2,442 | 3,762 | **56,759** |
| 2,816 | 4,096 | 4,180 | 2,593 | 1,000 | 4,187 | 1,774 | 3,401 | 3,877 | 1,791 | **61,355** |
| 2,816 | 4,096 | 3,168 | 2,593 | 2,273 | 4,187 | 3,770 | 2,156 | 3,877 | 3,762 | **65,580** |
| 1,790 | 4,096 | 3,168 | 2,593 | 2,273 | 4,187 | 1,774 | 2,156 | 1,000 | 3,762 | **53,640** |
| 2,816 | 4,096 | 3,168 | 2,593 | 2,273 | 2,670 | 1,774 | 2,156 | 2,442 | 3,762 | **55,190** |
| 1,000 | 4,096 | 2,211 | 2,593 | 2,273 | 1,000 | 3,770 | 3,401 | 2,442 | 3,762 | **50,191** |
| 2,816 | 4,096 | 3,168 | 4,111 | 2,273 | 4,187 | 1,000 | 2,156 | 3,877 | 3,762 | **62,924** |
| 2,816 | 4,096 | 3,168 | 2,593 | 2,273 | 4,187 | 3,770 | 2,156 | 3,877 | 3,762 | **66,841** |
| 1,000 | 1,958 | 2,211 | 2,593 | 2,273 | 2,670 | 2,573 | 2,156 | 2,442 | 2,422 | **44,732** |
| 2,816 | 4,096 | 4,180 | 4,111 | 3,436 | 4,187 | 1,000 | 3,401 | 3,877 | 1,000 | **61,981** |
| 2,816 | 4,096 | 3,168 | 4,111 | 2,273 | 4,187 | 2,573 | 2,156 | 3,877 | 3,762 | **66,538** |
| 2,816 | 4,096 | 3,168 | 2,593 | 3,436 | 4,187 | 3,770 | 2,156 | 3,877 | 3,762 | **68,942** |

Lampiran 10

Hasil Uji Prasyarat

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Tests of Normality** | | | | | | |
|  | Kolmogorov-Smirnova | | | Shapiro-Wilk | | |
| Statistic | Df | Sig. | Statistic | df | Sig. |
| MB | .095 | 73 | .100 | .972 | 73 | .099 |
| HB | .079 | 73 | .200\* | .981 | 73 | .341 |
| \*. This is a lower bound of the true significance. | | | | | | |
| a. Lilliefors Significance Correction | | | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ANOVA Table** | | | | | | | |
|  | | | Sum of Squares | Df | Mean Square | F | Sig. |
| HB \* MB | Between Groups | (Combined) | 12341.527 | 64 | 192.836 | 1.488 | .286 |
| Linearity | 2532.320 | 1 | 2532.320 | 19.545 | .002 |
| Deviation from Linearity | 9809.207 | 63 | 155.702 | 1.202 | .422 |
| Within Groups | | 1036.500 | 8 | 129.563 |  |  |
| Total | | 13378.027 | 72 |  |  |  |

Lampiran 11

Hasil Uji Hipotesis

1. **Korelas *Product Moment***

|  |  |  |  |
| --- | --- | --- | --- |
| **Correlations** | | | |
|  | | MB | HB |
| MB | Pearson Correlation | 1 | .529\*\* |
| Sig. (2-tailed) |  | .001 |
| N | 37 | 37 |
| HB | Pearson Correlation | .529\*\* | 1 |
| Sig. (2-tailed) | .001 |  |
| N | 37 | 37 |
| \*\*. Correlation is significant at the 0.01 level (2-tailed). | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Correlations** | | | |
|  | | MB | HB |
| MB | Pearson Correlation | 1 | .480\*\* |
| Sig. (2-tailed) |  | .003 |
| N | 36 | 36 |
| HB | Pearson Correlation | .480\*\* | 1 |
| Sig. (2-tailed) | .003 |  |
| N | 36 | 36 |
| \*\*. Correlation is significant at the 0.01 level (2-tailed). | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Correlations** | | | |
|  | | MB | HB |
| MB | Pearson Correlation | 1 | .435\*\* |
| Sig. (2-tailed) |  | .000 |
| N | 73 | 73 |
| HB | Pearson Correlation | .435\*\* | 1 |
| Sig. (2-tailed) | .000 |  |
| N | 73 | 73 |
| \*\*. Correlation is significant at the 0.01 level (2-tailed). | | | |
|  | | | |

1. **Uji T**

thitung = = = = = 4,347

thitung = = = = = 3,637

thitung = = = = = 4,520

1. **Koefisien Determinasi**

D = r2 x 100 % = (0,529)2 x 100 % = 27,99 %

D = r2 x 100 % = (0,480)2 x 100 % = 23,04 %

D = r2 x 100 % = (0,435)2 x 100 % = 18,92 %