**Lampiran 1**

## Jadwal Penelitian

Kegiatan Penelitian ini dirancang berlangsung selama enam bulan dengan alokasi waktu seperti tercantum dalam tabel di bawah ini:

| No. | Tahap dan Kegiatan Penelitian | Waktu (bulan) 2019 | | | | | |
|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Persiapan penyusunan proposal penelitian | xx | | | | | |
| 2 | Bimbingan penyusunan proposal | | xx | xx | | | |
| 3 | Seminar proposal penelitian | | | xx | | | |
| 4 | Pengumpulan data primer & sekunder | | | | xx | xx | |
| 5 | Pengolahan dan analisis data | | | | | xx | |
| 6 | Penyusunan laporan hasil penelitian | | | | | | xx |
| 7 | Ujian skripsi | | | | | | xx |

# KUESIONER PENELITIAN
# "Pengaruh Gaya Kepemimpinan, Motivasi, Disiplin Belajar Terhadap Prestasi Belajar Bahasa Indonesia Kelas XI SMA Kanjeng Sepuh Sidayu Gresik".

- Petunjuk pengisian kuesioner

1. Kuesioner ini memiliki total 36 butir pertanyaan dari 4 variabel berbeda, untuk mengukur kepemimpinan sekolah, motivasi disiplin belajar dan prestasi belajar siswa.
2. Mohon diberi tanda checklist (✓) pada kolom jawaban Bapak/ Ibu anggap paling sesuai. Pendapatan anda dinyatakan dalam skala 1 s/d 5 yang memiliki makna:

| | |
|---|---|
| Sangat Setuju (SS) | = 5 |
| Setuju (S) | = 4 |
| Ragu-Ragu (RR) | = 3 |
| Tidak Setuju (TS) | = 2 |
| Sangat Tidak Setuju (STS) | = 1 |

3. Setiap pertanyaan hanya membutuhkan satu jawaban saja.
4. Mohon memberikan jawaban yang sebenarnya karena tidak akan mempengaruhi pekerjaan anda.
5. Setelah mengisi kuesioner mohon Bapak/Ibu berikan kepada yang menyerahkan kuesioner.
6. Terima Kasih atas partisipasi Anda.

**Identitas Responden**

| | |
|---|---|
| Nama Responden (bebas Isi atau tidak) | : …… |
| Usia | : …….. Tahun |
| Jenis Kelamin | : Pria / Wanita (Coret Yang Tidak Perlu) |
| Pendidikan Saat Ini | : ……. |
| Status | : ……. |

## 1. Variabel Pengaruh Gaya Kepemimpinan Kepala Sekolah ($X_1$)

| No. | Indikator Variabel | STS | TS | RR | S | SS |
|---|---|---|---|---|---|---|
| 1. | Kepala sekolah menekankan guru mata pelajaran saya untuk menyuruh belajar lebih giat lagi | | | | | |
| 2. | Kepala sekolah saya membimbing guru mata pelajaran saya untuk memberikan pembelajaran yang proporsional dan professional | | | | | |
| 3. | kepala sekolah saya memberikan dukungan kepada para guru untuk menegakkan kedisiplinan dalam belajar | | | | | |
| 4. | kepala sekolah saya menegakkan kedisiplinan kepada guru mata pelajaran dalam proses belajar mengajar | | | | | |
| 5. | Kepala sekolah saya akan memberikan teguran kepada siswa dan para guru jika melanggar norma-norma kedisiplinan dalam belajar | | | | | |
| 6 | Ketika saya tidak mampu dan tidak mau mengikuti pelajaran dengan baik, Kepala Sekolah saya memberikan pengarahan kepada saya? | | | | | |

## 2. Variabel Motivasi ($X_2$)

| No | Indikator Variabel | STS | TS | RR | S | SS |
|---|---|---|---|---|---|---|
| **1** | Saya bersungguh-sungguh dalam mengerjakan soal yang diberikan oleh guru | | | | | |
| **2** | Apabila ada materi yang belum jelas saya menanyakan kepada guru | | | | | |
| **3** | Saya belajar dengan tekun sampai nilai rata-rata yang saya targetkan tercapai | | | | | |
| **4** | Saya belajar sungguh-sungguh demi memenuhi kewajiban saya | | | | | |
| **5** | Setiap kali ada waktu saya meluangkan belajar | | | | | |

## 3. Variable Disiplin Belajar ($X_3$)

| No | Indikator Variabel | STS | TS | RR | S | SS |
|---|---|---|---|---|---|---|
| **1** | Saya memiliki jadwal belajar sehingga saya dapat belajar teratur sesuai dengan waktu yang telah saya tentukan | | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| **2** | Saya kurang bisa menepati jam belajar yang telah dibuat | | | | | |
| **3** | Saya meninggalkan kelas sebelum jam pelajaran selesai | | | | | |
| **4** | Tugas yang diberikan oleh guru saya kerjakan dan kumpulkan sesuai waktu yang ditentukan | | | | | |
| **5** | Saya meminta izin kepada guru piket saat ingin meninggalkan pelajaran / sekolah | | | | | |

## 4. Variabel Prestasi Belajar Siswa (Y)

| No | Indikator Variabel | STS | TS | RR | S | SS |
|---|---|---|---|---|---|---|
| **Aspek Kognitif** | | | | | | |
| **1** | Siswa sangat dapat mengikuti mata pelajaran dengan baik | | | | | |
| **2** | Siswa sangat dapat mengingat mata pelajaran dengan baik | | | | | |
| **Aspek Afektif** | | | | | | |
| **3** | Siswa sangat mampu mengapresisasi dan menganggap penting mata pelajaran | | | | | |
| **4** | Siswa sangat mampu mendalamai mata pelajaran dengan baik | | | | | |
| **5** | Siswa sangat dapat menerima mata pelajaran dengan baik dan sungguh-sungguh | | | | | |
| **Aspek Psikomotorik** | | | | | | |
| **6** | Siswa sangat mampu menunjukan ketrampilan mengerjakan persoalan mata pelajaran | | | | | |
| **7** | Siswa sangat mampu menunjukan kecakapan berekspresi dengan baik terhadap mata pelajaran | | | | | |

**TERIMA KASIH ATAS WAKTU DAN KERJA SAMANYA**
**YANG BAPAK / IBU GURU DAN MURID-MURID BERIKAN**
**SEMOGA BERMANFAAT DAN SUKSES SELALU**
**AMIN.**

# REKAPITULASI JAWABAN RESPONDEN

| No | X1 | | | | | | | x2 | | | | | | x3 | | | | | | y | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | x1.1 | x1.2 | x1.3 | x1.4 | x1.5 | x1.6 | total | x2.1 | x2.2 | x2.3 | x2.4 | x2.5 | total | x3.1 | x3.2 | x3.3 | x3.4 | x3.5 | total | y1 | y2 | y3 | y4 | y5 | y6 | y7 | total |
| 1 | 4 | 4 | 4 | 4 | 3 | 3 | 22 | 4 | 4 | 4 | 4 | 4 | 20 | 4 | 3 | 3 | 4 | 3 | 17 | 4 | 4 | 3 | 3 | 4 | 3 | 3 | 24 |
| 2 | 5 | 4 | 5 | 4 | 5 | 4 | 27 | 4 | 4 | 5 | 4 | 5 | 22 | 4 | 5 | 4 | 4 | 5 | 22 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 31 |
| 3 | 4 | 4 | 5 | 4 | 3 | 3 | 23 | 5 | 4 | 4 | 4 | 5 | 22 | 4 | 4 | 4 | 4 | 3 | 19 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 26 |
| 4 | 5 | 5 | 5 | 4 | 3 | 4 | 26 | 3 | 2 | 4 | 3 | 3 | 15 | 3 | 4 | 4 | 2 | 3 | 16 | 5 | 3 | 4 | 4 | 2 | 3 | 3 | 24 |
| 5 | 4 | 3 | 3 | 3 | 2 | 2 | 17 | 2 | 3 | 4 | 3 | 3 | 15 | 2 | 3 | 4 | 3 | 2 | 14 | 3 | 2 | 3 | 4 | 3 | 2 | 2 | 19 |
| 6 | 4 | 4 | 3 | 5 | 5 | 4 | 25 | 5 | 5 | 4 | 4 | 3 | 21 | 3 | 4 | 3 | 3 | 4 | 17 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 34 |
| 7 | 3 | 3 | 3 | 4 | 4 | 3 | 20 | 4 | 4 | 3 | 3 | 3 | 17 | 4 | 3 | 2 | 3 | 4 | 16 | 3 | 4 | 3 | 4 | 4 | 4 | 4 | 26 |
| 8 | 5 | 4 | 3 | 5 | 5 | 4 | 26 | 3 | 5 | 5 | 4 | 3 | 20 | 3 | 3 | 4 | 3 | 3 | 16 | 4 | 3 | 4 | 4 | 5 | 5 | 5 | 30 |
| 9 | 4 | 4 | 4 | 4 | 5 | 4 | 25 | 5 | 4 | 4 | 4 | 4 | 21 | 5 | 4 | 5 | 4 | 5 | 23 | 4 | 5 | 4 | 5 | 4 | 5 | 5 | 32 |
| 10 | 5 | 4 | 5 | 3 | 3 | 3 | 23 | 4 | 3 | 5 | 4 | 4 | 20 | 3 | 4 | 4 | 3 | 3 | 17 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 25 |
| 11 | 3 | 3 | 3 | 3 | 4 | 4 | 20 | 3 | 2 | 3 | 3 | 3 | 14 | 3 | 3 | 3 | 2 | 4 | 15 | 3 | 3 | 3 | 3 | 2 | 4 | 4 | 22 |
| 12 | 3 | 4 | 4 | 4 | 4 | 3 | 22 | 4 | 4 | 3 | 4 | 4 | 19 | 4 | 4 | 4 | 4 | 4 | 20 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 28 |
| 13 | 5 | 5 | 5 | 3 | 4 | 3 | 25 | 5 | 4 | 5 | 4 | 5 | 23 | 3 | 3 | 3 | 4 | 4 | 17 | 5 | 5 | 5 | 4 | 5 | 5 | 4 | 33 |
| 14 | 3 | 4 | 3 | 4 | 4 | 3 | 21 | 4 | 4 | 3 | 4 | 3 | 18 | 4 | 3 | 4 | 4 | 5 | 20 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 27 |
| 15 | 4 | 4 | 5 | 4 | 4 | 5 | 26 | 5 | 4 | 4 | 4 | 5 | 22 | 4 | 4 | 4 | 5 | 4 | 21 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 31 |
| 16 | 3 | 4 | 4 | 3 | 3 | 3 | 20 | 3 | 3 | 3 | 4 | 4 | 17 | 2 | 4 | 3 | 3 | 4 | 16 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 22 |
| 17 | 3 | 4 | 3 | 5 | 5 | 5 | 25 | 5 | 5 | 5 | 4 | 4 | 23 | 4 | 4 | 3 | 4 | 4 | 19 | 4 | 5 | 4 | 4 | 5 | 4 | 5 | 31 |
| 18 | 3 | 4 | 3 | 4 | 4 | 3 | 21 | 4 | 4 | 4 | 3 | 4 | 19 | 5 | 5 | 5 | 4 | 3 | 22 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 27 |
| 19 | 5 | 4 | 4 | 4 | 3 | 4 | 24 | 3 | 4 | 5 | 4 | 4 | 20 | 4 | 4 | 3 | 4 | 4 | 19 | 4 | 3 | 4 | 4 | 4 | 3 | 3 | 25 |
| 20 | 3 | 3 | 4 | 3 | 4 | 4 | 21 | 3 | 4 | 3 | 4 | 4 | 18 | 4 | 4 | 4 | 3 | 4 | 19 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 23 |
| 21 | 3 | 3 | 3 | 2 | 3 | 3 | 17 | 3 | 3 | 2 | 3 | 3 | 14 | 3 | 3 | 3 | 4 | 3 | 16 | 3 | 4 | 3 | 4 | 2 | 3 | 3 | 22 |
| 22 | 3 | 4 | 3 | 4 | 4 | 4 | 22 | 3 | 4 | 4 | 4 | 4 | 19 | 5 | 5 | 3 | 5 | 4 | 22 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 31 |
| 23 | 4 | 3 | 3 | 4 | 3 | 2 | 19 | 4 | 3 | 4 | 3 | 3 | 17 | 4 | 4 | 3 | 3 | 3 | 17 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 22 |
| 24 | 4 | 5 | 4 | 3 | 4 | 4 | 24 | 4 | 5 | 3 | 4 | 4 | 20 | 4 | 3 | 5 | 4 | 4 | 20 | 5 | 4 | 4 | 4 | 3 | 4 | 4 | 28 |
| 25 | 4 | 4 | 4 | 2 | 2 | 4 | 20 | 4 | 4 | 2 | 2 | 2 | 14 | 3 | 4 | 3 | 3 | 2 | 15 | 4 | 3 | 4 | 3 | 3 | 2 | 2 | 21 |
| 26 | 5 | 5 | 4 | 4 | 3 | 3 | 24 | 5 | 5 | 4 | 3 | 3 | 20 | 4 | 5 | 5 | 3 | 3 | 20 | 5 | 4 | 3 | 3 | 4 | 3 | 3 | 25 |
| 27 | 2 | 3 | 3 | 3 | 3 | 2 | 16 | 2 | 4 | 3 | 3 | 3 | 15 | 4 | 3 | 4 | 3 | 3 | 17 | 3 | 4 | 2 | 3 | 3 | 3 | 3 | 21 |
| 28 | 4 | 4 | 4 | 4 | 3 | 4 | 23 | 4 | 3 | 4 | 3 | 3 | 17 | 5 | 4 | 5 | 3 | 3 | 20 | 4 | 5 | 4 | 3 | 4 | 3 | 3 | 26 |
| 29 | 4 | 5 | 4 | 5 | 4 | 4 | 26 | 4 | 3 | 5 | 4 | 4 | 20 | 5 | 5 | 5 | 4 | 4 | 23 | 5 | 4 | 4 | 4 | 5 | 4 | 4 | 30 |
| 30 | 4 | 5 | 5 | 4 | 5 | 5 | 28 | 4 | 4 | 4 | 5 | 5 | 22 | 4 | 4 | 4 | 5 | 5 | 22 | 4 | 4 | 5 | 5 | 4 | 5 | 5 | 32 |
| 31 | 5 | 4 | 5 | 3 | 3 | 4 | 24 | 5 | 4 | 3 | 3 | 3 | 18 | 3 | 3 | 4 | 4 | 4 | 18 | 4 | 5 | 4 | 4 | 4 | 3 | 3 | 27 |
| 32 | 4 | 4 | 3 | 4 | 5 | 4 | 24 | 4 | 3 | 4 | 5 | 5 | 21 | 4 | 5 | 4 | 4 | 4 | 21 | 3 | 4 | 4 | 3 | 4 | 5 | 5 | 28 |
| 33 | 4 | 5 | 4 | 4 | 4 | 4 | 25 | 4 | 5 | 4 | 4 | 4 | 21 | 4 | 4 | 4 | 3 | 4 | 19 | 5 | 4 | 5 | 4 | 4 | 4 | 4 | 30 |
| 34 | 5 | 4 | 4 | 2 | 3 | 3 | 21 | 2 | 3 | 2 | 2 | 2 | 11 | 2 | 2 | 3 | 5 | 4 | 16 | 3 | 5 | 4 | 4 | 2 | 3 | 2 | 23 |
| 35 | 5 | 5 | 5 | 4 | 5 | 5 | 29 | 4 | 4 | 5 | 4 | 4 | 21 | 5 | 4 | 5 | 4 | 5 | 23 | 3 | 2 | 3 | 4 | 4 | 4 | 4 | 24 |
| 36 | 4 | 3 | 3 | 3 | 3 | 3 | 19 | 4 | 5 | 4 | 3 | 3 | 19 | 4 | 3 | 3 | 5 | 4 | 19 | 4 | 4 | 3 | 3 | 3 | 4 | 3 | 24 |
| 37 | 4 | 4 | 3 | 3 | 4 | 4 | 22 | 4 | 3 | 4 | 3 | 3 | 17 | 4 | 3 | 4 | 3 | 4 | 18 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 27 |
| 38 | 4 | 5 | 4 | 4 | 4 | 2 | 23 | 3 | 4 | 3 | 2 | 2 | 14 | 3 | 2 | 2 | 3 | 4 | 14 | 4 | 4 | 3 | 3 | 4 | 3 | 2 | 23 |
| 39 | 4 | 3 | 3 | 4 | 3 | 3 | 20 | 4 | 3 | 3 | 4 | 3 | 17 | 2 | 3 | 3 | 5 | 3 | 16 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 18 |
| 40 | 4 | 4 | 3 | 4 | 3 | 4 | 22 | 4 | 5 | 4 | 4 | 5 | 22 | 4 | 3 | 4 | 3 | 3 | 17 | 4 | 3 | 4 | 4 | 3 | 4 | 3 | 25 |
| 41 | 4 | 4 | 4 | 4 | 5 | 4 | 25 | 4 | 4 | 4 | 4 | 3 | 19 | 4 | 4 | 4 | 3 | 5 | 20 | 4 | 3 | 4 | 5 | 4 | 4 | 4 | 28 |
| 42 | 3 | 3 | 3 | 4 | 4 | 3 | 20 | 3 | 4 | 4 | 2 | 3 | 16 | 5 | 4 | 3 | 4 | 4 | 20 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 28 |
| 43 | 5 | 5 | 3 | 4 | 3 | 4 | 24 | 3 | 4 | 3 | 3 | 3 | 16 | 4 | 3 | 4 | 4 | 3 | 18 | 4 | 5 | 4 | 3 | 2 | 4 | 3 | 25 |
| 44 | 4 | 4 | 3 | 4 | 3 | 4 | 22 | 3 | 4 | 3 | 4 | 4 | 18 | 5 | 4 | 4 | 5 | 3 | 21 | 3 | 4 | 3 | 3 | 4 | 5 | 4 | 26 |
| 45 | 4 | 3 | 5 | 4 | 4 | 4 | 24 | 5 | 4 | 4 | 5 | 4 | 22 | 3 | 3 | 4 | 3 | 4 | 17 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 28 |
| 46 | 3 | 4 | 3 | 3 | 4 | 5 | 22 | 3 | 3 | 4 | 5 | 5 | 20 | 4 | 5 | 5 | 4 | 4 | 22 | 4 | 4 | 4 | 4 | 2 | 4 | 5 | 27 |
| 47 | 2 | 3 | 3 | 3 | 3 | 4 | 18 | 3 | 3 | 3 | 4 | 5 | 18 | 3 | 4 | 4 | 3 | 3 | 17 | 3 | 4 | 3 | 3 | 5 | 3 | 4 | 25 |
| 48 | 4 | 4 | 3 | 4 | 3 | 4 | 22 | 3 | 4 | 3 | 5 | 5 | 20 | 4 | 3 | 4 | 3 | 3 | 17 | 4 | 3 | 4 | 3 | 4 | 4 | 3 | 25 |
| 49 | 4 | 3 | 4 | 3 | 3 | 3 | 20 | 4 | 3 | 3 | 4 | 4 | 18 | 3 | 3 | 3 | 3 | 3 | 15 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 22 |
| 50 | 3 | 4 | 4 | 5 | 4 | 4 | 24 | 4 | 5 | 4 | 4 | 4 | 21 | 3 | 4 | 4 | 3 | 4 | 18 | 3 | 4 | 3 | 4 | 4 | 3 | 4 | 25 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 51 | 2 | 2 | 4 | 4 | 4 | 5 | 21 | 4 | 4 | 4 | 5 | 5 | 22 | 4 | 4 | 5 | 4 | 4 | 21 | 4 | 3 | 4 | 4 | 5 | 4 | 4 | 28 |
| 52 | 4 | 3 | 5 | 5 | 4 | 3 | 24 | 5 | 5 | 4 | 4 | 4 | 22 | 3 | 3 | 3 | 4 | 4 | 17 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 24 |
| 53 | 3 | 3 | 2 | 3 | 3 | 3 | 17 | 2 | 3 | 3 | 4 | 5 | 17 | 4 | 3 | 3 | 4 | 3 | 17 | 4 | 3 | 3 | 3 | 5 | 4 | 3 | 25 |
| 54 | 4 | 3 | 4 | 4 | 4 | 4 | 23 | 4 | 4 | 4 | 5 | 5 | 22 | 4 | 5 | 4 | 5 | 4 | 22 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 29 |
| 55 | 5 | 4 | 4 | 5 | 4 | 3 | 25 | 4 | 5 | 4 | 5 | 3 | 21 | 3 | 3 | 3 | 4 | 4 | 17 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 23 |
| 56 | 4 | 5 | 4 | 5 | 5 | 4 | 27 | 4 | 5 | 5 | 4 | 5 | 23 | 4 | 3 | 4 | 4 | 5 | 20 | 4 | 3 | 5 | 5 | 3 | 4 | 3 | 27 |
| 57 | 3 | 3 | 5 | 4 | 4 | 3 | 22 | 5 | 4 | 4 | 4 | 4 | 21 | 4 | 4 | 3 | 5 | 4 | 20 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 27 |
| 58 | 4 | 5 | 4 | 3 | 3 | 2 | 21 | 4 | 3 | 3 | 3 | 2 | 15 | 2 | 3 | 2 | 3 | 3 | 13 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 19 |
| 59 | 4 | 4 | 4 | 5 | 5 | 5 | 27 | 4 | 5 | 5 | 4 | 4 | 22 | 5 | 3 | 5 | 4 | 5 | 22 | 5 | 4 | 5 | 5 | 4 | 5 | 3 | 31 |
| 60 | 2 | 2 | 2 | 3 | 4 | 3 | 16 | 2 | 3 | 4 | 2 | 4 | 15 | 3 | 2 | 3 | 4 | 4 | 16 | 3 | 2 | 4 | 4 | 5 | 3 | 2 | 23 |
| 61 | 5 | 4 | 5 | 5 | 5 | 5 | 29 | 4 | 4 | 3 | 4 | 5 | 20 | 4 | 5 | 5 | 5 | 3 | 22 | 4 | 4 | 3 | 5 | 3 | 4 | 5 | 28 |
| 62 | 4 | 3 | 4 | 4 | 4 | 4 | 23 | 4 | 4 | 5 | 5 | 5 | 23 | 4 | 5 | 4 | 4 | 5 | 22 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 29 |
| 63 | 4 | 3 | 4 | 4 | 4 | 3 | 22 | 3 | 4 | 4 | 3 | 4 | 18 | 4 | 3 | 3 | 3 | 4 | 17 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | 24 |
| 64 | 3 | 2 | 3 | 4 | 5 | 3 | 20 | 3 | 4 | 2 | 3 | 4 | 16 | 3 | 2 | 3 | 4 | 2 | 14 | 4 | 4 | 3 | 5 | 4 | 3 | 2 | 25 |
| 65 | 2 | 3 | 3 | 2 | 3 | 4 | 17 | 4 | 3 | 3 | 4 | 3 | 17 | 4 | 4 | 4 | 3 | 3 | 18 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 26 |
| 66 | 4 | 3 | 3 | 4 | 3 | 3 | 20 | 4 | 4 | 4 | 4 | 4 | 20 | 5 | 4 | 3 | 4 | 4 | 20 | 4 | 4 | 5 | 3 | 5 | 5 | 4 | 30 |
| 67 | 5 | 5 | 3 | 5 | 3 | 4 | 25 | 4 | 3 | 4 | 4 | 3 | 18 | 4 | 3 | 4 | 4 | 4 | 19 | 4 | 4 | 4 | 3 | 4 | 4 | 3 | 26 |
| 68 | 4 | 3 | 5 | 4 | 4 | 4 | 24 | 5 | 4 | 4 | 5 | 4 | 22 | 5 | 4 | 4 | 5 | 4 | 22 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 31 |
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| 70 | 4 | 3 | 4 | 4 | 4 | 4 | 23 | 4 | 3 | 4 | 4 | 3 | 18 | 4 | 3 | 4 | 4 | 4 | 19 | 4 | 3 | 4 | 4 | 4 | 4 | 3 | 26 |
| 71 | 4 | 5 | 5 | 4 | 5 | 5 | 28 | 5 | 5 | 4 | 4 | 3 | 21 | 5 | 5 | 5 | 4 | 4 | 23 | 4 | 4 | 5 | 5 | 3 | 5 | 5 | 31 |
| 72 | 4 | 3 | 4 | 4 | 5 | 3 | 23 | 3 | 3 | 2 | 3 | 3 | 14 | 4 | 3 | 3 | 4 | 2 | 16 | 4 | 4 | 4 | 5 | 4 | 4 | 3 | 28 |
| 73 | 2 | 3 | 5 | 5 | 5 | 3 | 23 | 5 | 5 | 5 | 4 | 4 | 23 | 4 | 4 | 3 | 4 | 5 | 20 | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 31 |
| 74 | 3 | 2 | 4 | 3 | 3 | 5 | 20 | 5 | 4 | 4 | 5 | 4 | 22 | 5 | 4 | 5 | 4 | 4 | 22 | 4 | 4 | 4 | 3 | 5 | 5 | 4 | 29 |
| 75 | 5 | 5 | 4 | 4 | 3 | 3 | 24 | 4 | 5 | 5 | 4 | 3 | 21 | 3 | 3 | 3 | 3 | 5 | 17 | 3 | 4 | 5 | 3 | 3 | 3 | 3 | 24 |
| 76 | 4 | 4 | 3 | 3 | 3 | 4 | 21 | 3 | 3 | 3 | 3 | 3 | 15 | 3 | 4 | 4 | 4 | 3 | 18 | 4 | 4 | 4 | 3 | 3 | 3 | 4 | 25 |
| 77 | 5 | 5 | 5 | 4 | 3 | 5 | 27 | 5 | 5 | 4 | 3 | 4 | 21 | 5 | 5 | 5 | 5 | 4 | 24 | 5 | 4 | 3 | 3 | 3 | 5 | 5 | 28 |
| 78 | 4 | 5 | 4 | 4 | 4 | 3 | 24 | 5 | 4 | 4 | 2 | 3 | 18 | 3 | 4 | 3 | 5 | 4 | 19 | 4 | 3 | 4 | 4 | 3 | 3 | 4 | 25 |
| 79 | 3 | 3 | 5 | 4 | 5 | 5 | 25 | 4 | 5 | 5 | 5 | 5 | 24 | 4 | 4 | 5 | 4 | 5 | 22 | 4 | 4 | 3 | 5 | 3 | 4 | 4 | 27 |
| 80 | 2 | 4 | 3 | 3 | 3 | 4 | 19 | 4 | 4 | 3 | 4 | 4 | 19 | 3 | 4 | 4 | 5 | 3 | 19 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 22 |
| 81 | 4 | 4 | 3 | 4 | 4 | 3 | 22 | 4 | 5 | 5 | 4 | 4 | 22 | 3 | 4 | 3 | 3 | 5 | 18 | 5 | 4 | 4 | 4 | 4 | 3 | 4 | 28 |
| 82 | 5 | 5 | 5 | 5 | 5 | 3 | 28 | 4 | 4 | 5 | 3 | 4 | 20 | 3 | 4 | 3 | 3 | 5 | 18 | 4 | 3 | 5 | 5 | 4 | 3 | 4 | 28 |
| 83 | 4 | 4 | 3 | 4 | 3 | 4 | 22 | 4 | 5 | 4 | 3 | 2 | 18 | 5 | 4 | 4 | 5 | 4 | 22 | 4 | 3 | 3 | 3 | 3 | 5 | 4 | 25 |
| 84 | 4 | 4 | 4 | 4 | 5 | 4 | 25 | 5 | 5 | 5 | 3 | 4 | 22 | 3 | 3 | 4 | 3 | 5 | 18 | 5 | 4 | 4 | 5 | 5 | 3 | 3 | 29 |
| 85 | 3 | 3 | 3 | 4 | 4 | 3 | 20 | 4 | 4 | 3 | 3 | 5 | 19 | 3 | 3 | 3 | 5 | 3 | 17 | 3 | 4 | 3 | 4 | 3 | 3 | 3 | 23 |
| 86 | 5 | 5 | 3 | 4 | 3 | 3 | 23 | 2 | 3 | 4 | 3 | 4 | 16 | 3 | 4 | 3 | 4 | 4 | 18 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 24 |
| 87 | 4 | 4 | 3 | 4 | 3 | 3 | 21 | 4 | 5 | 4 | 4 | 5 | 22 | 4 | 3 | 3 | 5 | 4 | 19 | 5 | 4 | 4 | 3 | 3 | 4 | 3 | 26 |
| 88 | 4 | 3 | 5 | 4 | 4 | 4 | 24 | 3 | 2 | 2 | 3 | 4 | 14 | 4 | 5 | 4 | 2 | 2 | 17 | 3 | 4 | 3 | 4 | 4 | 4 | 5 | 27 |
| 89 | 3 | 4 | 3 | 3 | 4 | 4 | 21 | 5 | 5 | 5 | 3 | 5 | 23 | 4 | 4 | 4 | 4 | 5 | 21 | 3 | 4 | 3 | 4 | 4 | 4 | 4 | 26 |
| 90 | 2 | 3 | 3 | 3 | 3 | 4 | 18 | 5 | 5 | 5 | 2 | 3 | 20 | 5 | 5 | 4 | 4 | 5 | 23 | 5 | 4 | 5 | 3 | 3 | 5 | 5 | 30 |
| 91 | 4 | 4 | 3 | 4 | 3 | 3 | 21 | 4 | 4 | 4 | 2 | 4 | 18 | 2 | 3 | 3 | 3 | 4 | 15 | 4 | 3 | 4 | 3 | 4 | 2 | 3 | 23 |
| 92 | 4 | 3 | 4 | 3 | 3 | 4 | 21 | 3 | 3 | 3 | 3 | 4 | 16 | 4 | 4 | 4 | 4 | 3 | 19 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 27 |
| 93 | 3 | 4 | 4 | 5 | 4 | 4 | 24 | 3 | 3 | 2 | 4 | 4 | 16 | 4 | 5 | 4 | 2 | 2 | 17 | 2 | 3 | 2 | 4 | 4 | 4 | 5 | 24 |
| 94 | 2 | 2 | 4 | 4 | 4 | 5 | 21 | 4 | 5 | 3 | 3 | 4 | 19 | 4 | 5 | 5 | 5 | 3 | 22 | 4 | 4 | 3 | 4 | 4 | 4 | 5 | 28 |
| 95 | 4 | 3 | 5 | 5 | 4 | 4 | 25 | 4 | 2 | 4 | 3 | 3 | 16 | 5 | 4 | 4 | 3 | 4 | 20 | 3 | 4 | 4 | 4 | 4 | 5 | 4 | 28 |
| 96 | 3 | 3 | 2 | 3 | 3 | 3 | 17 | 2 | 3 | 3 | 4 | 4 | 16 | 4 | 3 | 3 | 3 | 3 | 16 | 4 | 3 | 4 | 3 | 3 | 4 | 3 | 24 |
| 97 | 4 | 3 | 4 | 4 | 4 | 5 | 24 | 4 | 4 | 4 | 4 | 4 | 20 | 4 | 5 | 4 | 3 | 4 | 20 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 26 |
| 98 | 5 | 4 | 4 | 5 | 4 | 4 | 26 | 3 | 4 | 5 | 4 | 3 | 19 | 2 | 3 | 4 | 4 | 5 | 18 | 3 | 3 | 4 | 4 | 4 | 2 | 3 | 23 |
| 99 | 4 | 5 | 4 | 5 | 5 | 5 | 28 | 3 | 3 | 3 | 4 | 4 | 17 | 5 | 5 | 5 | 3 | 3 | 21 | 5 | 4 | 4 | 5 | 4 | 5 | 5 | 32 |
| 100 | 3 | 3 | 5 | 4 | 4 | 4 | 23 | 4 | 4 | 4 | 4 | 5 | 21 | 5 | 5 | 4 | 4 | 4 | 22 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 31 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 9 | 5 | 3 | 4 | 2 | 5 | 23 | 7 | 4 | 7 | 8 | 5 | 31 | 7 | 4 | 3 | 4 | 6 | 18 | 3 | 3 | 2 | 1 | 6 | 6 | 6 | 27 |
| 3 | 23 | 34 | 37 | 24 | 38 | 35 | 156 | 25 | 28 | 27 | 30 | 32 | 142 | 28 | 37 | 35 | 35 | 29 | 135 | 29 | 31 | 33 | 34 | 29 | 32 | 38 | 226 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 49 | 40 | 38 | 55 | 40 | 45 | 267 | 48 | 43 | 46 | 50 | 42 | 229 | 46 | 40 | 45 | 43 | 47 | 174 | 51 | 54 | 50 | 48 | 53 | 43 | 36 | 335 |
| 5 | 19 | 21 | 22 | 17 | 20 | 15 | 114 | 20 | 25 | 20 | 12 | 21 | 98 | 19 | 19 | 17 | 18 | 18 | 73 | 17 | 12 | 15 | 17 | 12 | 19 | 20 | 112 |
| | 100 | 100 | 100 | 100 | 100 | | | 100 | 100 | 100 | 100 | 100 | | 100 | 100 | 100 | 100 | 100 | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | | | |
| 2 | 18 | 10 | 6 | 8 | 4 | 10 | 56 | 14 | 8 | 14 | 16 | 10 | 62 | 14 | 8 | 6 | 8 | 12 | 36 | 6 | 6 | 4 | 2 | 12 | 12 | 12 | 54 |
| 3 | 69 | 102 | 111 | 72 | 114 | 105 | 573 | 75 | 84 | 81 | 90 | 96 | 426 | 84 | 111 | 105 | 105 | 87 | 405 | 87 | 93 | 99 | 102 | 87 | 96 | 114 | 678 |
| 4 | 196 | 160 | 152 | 220 | 160 | 180 | 1068 | 192 | 172 | 184 | 200 | 168 | 916 | 184 | 160 | 180 | 172 | 188 | 696 | 204 | 216 | 200 | 192 | 212 | 172 | 144 | 1340 |
| 5 | 95 | 105 | 110 | 85 | 100 | 75 | 570 | 100 | 125 | 100 | 60 | 105 | 490 | 95 | 95 | 85 | 90 | 90 | 365 | 85 | 60 | 75 | 85 | 60 | 95 | 100 | 560 |
| | 378 | 377 | 379 | 385 | 378 | 370 | 1897 | 381 | 389 | 379 | 366 | 379 | 1894 | 377 | 374 | 376 | 375 | 377 | 1502 | 382 | 375 | 378 | 381 | 371 | 375 | 370 | 2632 |
| | | | | | | | | | | | | | | | | | | | 375,8 | | | | | | | | 376 |
| | | | | | | | 377,83 | | | | | | 378,8 | | | | | | | | | | | | | | | |

**Lampiran 4**

**Data Statistik SPSS Versi 16**

## Validitas Gaya Kepemimpinan Kepala Sekolah ($X_1$)

**Correlations**

| | | x1.1 | x1.2 | x1.3 | x1.4 | x1.5 | x1.6 | x1 |
|---|---|---|---|---|---|---|---|---|
| x1.1 | Pearson Correlation | 1 | .587** | .364** | .264** | -.013 | .006 | .622** |
| | Sig. (2-tailed) | | .000 | .000 | .008 | .901 | .953 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| x1.2 | Pearson Correlation | .587** | 1 | .208* | .236* | .076 | .078 | .611** |
| | Sig. (2-tailed) | .000 | | .038 | .018 | .454 | .439 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| x1.3 | Pearson Correlation | .364** | .208* | 1 | .263** | .304** | .278** | .662** |
| | Sig. (2-tailed) | .000 | .038 | | .008 | .002 | .005 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| x1.4 | Pearson Correlation | .264** | .236* | .263** | 1 | .548** | .199* | .665** |
| | Sig. (2-tailed) | .008 | .018 | .008 | | .000 | .047 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| x1.5 | Pearson Correlation | -.013 | .076 | .304** | .548** | 1 | .367** | .602** |
| | Sig. (2-tailed) | .901 | .454 | .002 | .000 | | .000 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| x1.6 | Pearson Correlation | .006 | .078 | .278** | .199* | .367** | 1 | .513** |
| | Sig. (2-tailed) | .953 | .439 | .005 | .047 | .000 | | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| x1 | Pearson Correlation | .622** | .611** | .662** | .665** | .602** | .513** | 1 |
| | Sig. (2-tailed) | .000 | .000 | .000 | .000 | .000 | .000 | |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

**Correlations**

| | | x1.1 | x1.2 | x1.3 | x1.4 | x1.5 | x1.6 | x1 |
|---|---|---|---|---|---|---|---|---|
| x1.1 | Pearson Correlation | 1 | .587** | .364** | .264** | -.013 | .006 | .622** |
| | Sig. (2-tailed) | | .000 | .000 | .008 | .901 | .953 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| x1.2 | Pearson Correlation | .587** | 1 | .208* | .236* | .076 | .078 | .611** |
| | Sig. (2-tailed) | .000 | | .038 | .018 | .454 | .439 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| x1.3 | Pearson Correlation | .364** | .208* | 1 | .263** | .304** | .278** | .662** |
| | Sig. (2-tailed) | .000 | .038 | | .008 | .002 | .005 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| x1.4 | Pearson Correlation | .264** | .236* | .263** | 1 | .548** | .199* | .665** |
| | Sig. (2-tailed) | .008 | .018 | .008 | | .000 | .047 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| x1.5 | Pearson Correlation | -.013 | .076 | .304** | .548** | 1 | .367** | .602** |
| | Sig. (2-tailed) | .901 | .454 | .002 | .000 | | .000 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| x1.6 | Pearson Correlation | .006 | .078 | .278** | .199* | .367** | 1 | .513** |
| | Sig. (2-tailed) | .953 | .439 | .005 | .047 | .000 | | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| x1 | Pearson Correlation | .622** | .611** | .662** | .665** | .602** | .513** | 1 |
| | Sig. (2-tailed) | .000 | .000 | .000 | .000 | .000 | .000 | |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

**. Correlation is significant at the 0.01 level (2 tailed).

*. Correlation is significant at the 0.05 level (2-tailed).

## Validitas Motivasi ($X_2$)

**Correlations**

| | | x2.1 | x2.2 | x2.3 | x2.4 | x2.5 | x2 |
|---|---|---|---|---|---|---|---|
| x2.1 | Pearson Correlation | 1 | .509** | .415** | .206* | .131 | .682** |
| | Sig. (2-tailed) | | .000 | .000 | .040 | .195 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 |
| x2.2 | Pearson Correlation | .509** | 1 | .429** | .142 | .157 | .675** |
| | Sig. (2-tailed) | .000 | | .000 | .158 | .119 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 |
| x2.3 | Pearson Correlation | .415** | .429** | 1 | .254* | .253* | .711** |
| | Sig. (2-tailed) | .000 | .000 | | .011 | .011 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 |
| x2.4 | Pearson Correlation | .206* | .142 | .254* | 1 | .548** | .637** |
| | Sig. (2-tailed) | .040 | .158 | .011 | | .000 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 |
| x2.5 | Pearson Correlation | .131 | .157 | .253* | .548** | 1 | .624** |
| | Sig. (2-tailed) | .195 | .119 | .011 | .000 | | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 |
| x2 | Pearson Correlation | .682** | .675** | .711** | .637** | .624** | 1 |
| | Sig. (2-tailed) | .000 | .000 | .000 | .000 | .000 | |
| | N | 100 | 100 | 100 | 100 | 100 | 100 |

**. Correlation is significant at the 0.01 level (2-tailed).

*. Correlation is significant at the 0.05 level (2-tailed).

## Validitas Disiplin Belajar ($X_3$)

**Correlations**

| | | x3.1 | x3.2 | x3.3 | x3.4 | x3.5 | x3 |
|---|---|---|---|---|---|---|---|
| x3.1 | Pearson Correlation | 1 | .504** | .494** | .231* | .143 | .768** |
| | Sig. (2-tailed) | | .000 | .000 | .021 | .154 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 |
| x3.2 | Pearson Correlation | .504** | 1 | .499** | .086 | .046 | .686** |
| | Sig. (2-tailed) | .000 | | .000 | .395 | .649 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 |
| x3.3 | Pearson Correlation | .494** | .499** | 1 | .083 | .072 | .681** |
| | Sig. (2-tailed) | .000 | .000 | | .413 | .474 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 |
| x3.4 | Pearson Correlation | .231* | .086 | .083 | 1 | .191 | .509** |
| | Sig. (2-tailed) | .021 | .395 | .413 | | .057 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 |
| x3.5 | Pearson Correlation | .143 | .046 | .072 | .191 | 1 | .470** |
| | Sig. (2-tailed) | .154 | .649 | .474 | .057 | | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 |
| x3 | Pearson Correlation | .768** | .686** | .681** | .509** | .470** | 1 |
| | Sig. (2-tailed) | .000 | .000 | .000 | .000 | .000 | |
| | N | 100 | 100 | 100 | 100 | 100 | 100 |

**. Correlation is significant at the 0.01 level (2-tailed).

*. Correlation is significant at the 0.05 level (2-tailed).

## Validitas Prestasi Belajar Siswa (Y)

**Correlations**

| | | y1 | y2 | y3 | y4 | y5 | y6 | y7 | y |
|---|---|---|---|---|---|---|---|---|---|
| y1 | Pearson Correlation | 1 | .377** | .473** | .275** | .158 | .350** | .136 | .634** |
| | Sig. (2-tailed) | | .000 | .000 | .006 | .117 | .000 | .177 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| y2 | Pearson Correlation | .377** | 1 | .270** | .205* | .129 | .307** | .260** | .581** |
| | Sig. (2-tailed) | .000 | | .007 | .041 | .203 | .002 | .009 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| y3 | Pearson Correlation | .473** | .270** | 1 | .348** | .160 | .329** | .121 | .614** |
| | Sig. (2-tailed) | .000 | .007 | | .000 | .111 | .001 | .230 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| y4 | Pearson Correlation | .275** | .205* | .348** | 1 | .176 | .240* | .233* | .566** |
| | Sig. (2-tailed) | .006 | .041 | .000 | | .080 | .016 | .019 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| y5 | Pearson Correlation | .158 | .129 | .160 | .176 | 1 | .236* | .207* | .483** |
| | Sig. (2-tailed) | .117 | .203 | .111 | .080 | | .018 | .039 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| y6 | Pearson Correlation | .350** | .307** | .329** | .240* | .236* | 1 | .656** | .752** |
| | Sig. (2-tailed) | .000 | .002 | .001 | .016 | .018 | | .000 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| y7 | Pearson Correlation | .136 | .260** | .121 | .233* | .207* | .656** | 1 | .642** |
| | Sig. (2-tailed) | .177 | .009 | .230 | .019 | .039 | .000 | | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| y | Pearson Correlation | .634** | .581** | .614** | .566** | .483** | .752** | .642** | 1 |
| | Sig. (2-tailed) | .000 | .000 | .000 | .000 | .000 | .000 | .000 | |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

**Correlations**

| | | y1 | y2 | y3 | y4 | y5 | y6 | y7 | y |
|---|---|---|---|---|---|---|---|---|---|
| y1 | Pearson Correlation | 1 | .377** | .473** | .275** | .158 | .350** | .136 | .634** |
| | Sig. (2-tailed) | | .000 | .000 | .006 | .117 | .000 | .177 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| y2 | Pearson Correlation | .377** | 1 | .270** | .205* | .129 | .307** | .260** | .581** |
| | Sig. (2-tailed) | .000 | | .007 | .041 | .203 | .002 | .009 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| y3 | Pearson Correlation | .473** | .270** | 1 | .348** | .160 | .329** | .121 | .614** |
| | Sig. (2-tailed) | .000 | .007 | | .000 | .111 | .001 | .230 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| y4 | Pearson Correlation | .275** | .205* | .348** | 1 | .176 | .240* | .233* | .566** |
| | Sig. (2-tailed) | .006 | .041 | .000 | | .080 | .016 | .019 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| y5 | Pearson Correlation | .158 | .129 | .160 | .176 | 1 | .236* | .207* | .483** |
| | Sig. (2-tailed) | .117 | .203 | .111 | .080 | | .018 | .039 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| y6 | Pearson Correlation | .350** | .307** | .329** | .240* | .236* | 1 | .656** | .752** |
| | Sig. (2-tailed) | .000 | .002 | .001 | .016 | .018 | | .000 | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| y7 | Pearson Correlation | .136 | .260** | .121 | .233* | .207* | .656** | 1 | .642** |
| | Sig. (2-tailed) | .177 | .009 | .230 | .019 | .039 | .000 | | .000 |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| y | Pearson Correlation | .634** | .581** | .614** | .566** | .483** | .752** | .642** | 1 |
| | Sig. (2-tailed) | .000 | .000 | .000 | .000 | .000 | .000 | .000 | |
| | N | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

**. Correlation is significant at the 0.01 level (2-tailed).

*. Correlation is significant at the 0.05 level (2-tailed).

## Realibilitas Gaya Kepemimpinan Kepala Sekolah ($X_1$)

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|---|---|
| .666 | 6 |

## Realibilitas Motivasi ($X_2$)

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|---|---|
| .687 | 5 |

## Realibilitas Disiplin Belajar ($X_3$)

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|---|---|
| .606 | 5 |

## Realibilitas Prestasi Belajar Siswa (Y)

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|---|---|
| .721 | 7 |

## Uji Asumsi Klasik

### Hasil Uji Autokorelasi

**Model Summary[b]**

| Model | R | R Square | Adjusted R Square | Change Statistics | | | | | Durbin-Watson |
|---|---|---|---|---|---|---|---|---|---|
| | | | | R Square Change | F Change | df1 | df2 | Sig. F Change | |
| 1 | .719[a] | .517 | .502 | .517 | 34.296 | 3 | 96 | .000 | **1.809** |

## Hasil Uji Multikolinearitas

**Coefficients[a]**

| Model | | Unstandardized Coefficients | | Standardized Coefficients | T | Sig. | Collinearity Statistics | |
|---|---|---|---|---|---|---|---|---|
| | | B | Std. Error | Beta | | | Tolerance | VIF |
| 1 | (Constant) | 5.133 | 2.144 | | 2.398 | .019 | | |
| | X1 | .258 | .090 | .233 | 2.869 | .005 | **.761** | **1.315** |
| | X2 | .270 | .107 | .227 | 2.524 | .013 | **.620** | **1.612** |
| | X3 | .545 | .115 | .418 | 4.738 | .000 | **.646** | **1.549** |

## Hasil Uji Glejser Heteroskedastisitas

**Coefficients[a]**

| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
|---|---|---|---|---|---|---|
| | | B | Std. Error | Beta | | |
| 1 | (Constant) | .468 | 1.267 | | .369 | .713 |
| | X1 | .090 | .053 | .192 | 1.703 | **.092** |
| | X2 | .091 | .063 | .180 | 1.439 | **.153** |
| | X3 | -.131 | .068 | -.235 | -1.922 | **.058** |

a. Dependent Variable: RES2

## Hasil Uji *Kolmograv Smirnov* Normalitas

**One-Sample Kolmogorov-Smirnov Test**

| | | Unstandardized Residual |
|---|---|---|
| N | | 100 |
| Normal Parameters[a] | Mean | .0000000 |
| | Std. Deviation | 2.27310078 |
| Most Extreme Differences | Absolute | .051 |
| | Positive | .051 |
| | Negative | -.047 |
| Kolmogorov-Smirnov Z | | .511 |
| Asymp. Sig. (2-tailed) | | **.956** |

a. Test distribution is Normal.

## Hasil Uji Regresi Linier Berganda

**Coefficients[a]**

| Model | | Unstandardized Coefficients | | Standardized Coefficients | T | Sig. | Collinearity Statistics | |
|---|---|---|---|---|---|---|---|---|
| | | B | Std. Error | Beta | | | Tolerance | VIF |
| 1 | (Constant) | **5.133** | 2.144 | | 2.398 | .019 | | |
| | X1 | **.258** | .090 | .233 | 2.869 | .005 | .761 | 1.315 |
| | X2 | **.270** | .107 | .227 | 2.524 | .013 | .620 | 1.612 |
| | X3 | **.545** | .115 | .418 | 4.738 | .000 | .646 | 1.549 |

## Hasil Uji Koefisien Determinasi ($R^2$)

**Model Summary[b]**

| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Change Statistics | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | R Square Change | F Change | df1 | df2 | Sig. F Change |
| 1 | **.536[a]** | **.287** | **.274** | 1.964 | .287 | 21.576 | 2 | 107 | .000 |

a. Predictors: (Constant), X3, X1, X2

b. Dependent Variable: Y

## Hasil Uji Hipotesis t

**Coefficients[a]**

| Model | | Unstandardized Coefficients | | Standardized Coefficients | T | Sig. | Collinearity Statistics | |
|---|---|---|---|---|---|---|---|---|
| | | B | Std. Error | Beta | | | Tolerance | VIF |
| 1 | (Constant) | 2.061 | 1.468 | | 1.404 | .163 | | |
| | X1 | .313 | .086 | .346 | 3.657 | **.000** | .746 | 1.341 |
| | X2 | .318 | .111 | .271 | 2.868 | **.005** | .746 | 1.341 |

## Hasil Uji Hipotesis F

**ANOVA[b]**

| Model | | Sum of Squares | df | Mean Square | F | Sig. |
|---|---|---|---|---|---|---|
| 1 | Regression | 548.228 | 3 | 182.743 | **34.296** | .000[a] |
| | Residual | 511.532 | 96 | 5.328 | | |
| | Total | 1059.760 | 99 | | | |

a. Predictors: (Constant), x3, x1, x2

b. Dependent Variable: y

**Lampiran 5**
**Tabel r**

| DF = n-2 | 0,1 | 0,05 | 0,02 | 0,01 | 0,001 |
|---|---|---|---|---|---|
| | r 0,005 | r 0,05 | r 0,025 | r 0,01 | r 0,001 |
| 1 | 0,9877 | 0,9969 | 0,9995 | 0,9999 | 1,0000 |
| 2 | 0,9000 | 0,9500 | 0,9800 | 0,9900 | 0,9990 |
| 3 | 0,8054 | 0,8783 | 0,9343 | 0,9587 | 0,9911 |
| 4 | 0,7293 | 0,8114 | 0,8822 | 0,9172 | 0,9741 |
| 5 | 0,6694 | 0,7545 | 0,8329 | 0,8745 | 0,9509 |
| 6 | 0,6215 | 0,7067 | 0,7887 | 0,8343 | 0,9249 |
| 7 | 0,5822 | 0,6664 | 0,7498 | 0,7977 | 0,8983 |
| 8 | 0,5494 | 0,6319 | 0,7155 | 0,7646 | 0,8721 |
| 9 | 0,5214 | 0,6021 | 0,6851 | 0,7348 | 0,8470 |
| 10 | 0,4973 | 0,5760 | 0,6581 | 0,7079 | 0,8233 |
| 11 | 0,4762 | 0,5529 | 0,6339 | 0,6835 | 0,8010 |
| 12 | 0,4575 | 0,5324 | 0,6120 | 0,6614 | 0,7800 |
| 13 | 0,4409 | 0,5140 | 0,5923 | 0,6411 | 0,7604 |
| 14 | 0,4259 | 0,4973 | 0,5742 | 0,6226 | 0,7419 |
| 15 | 0,4124 | 0,4821 | 0,5577 | 0,6055 | 0,7247 |
| 16 | 0,4000 | 0,4683 | 0,5425 | 0,5897 | 0,7084 |
| 17 | 0,3887 | 0,4555 | 0,5285 | 0,5751 | 0,6932 |
| 18 | 0,3783 | 0,4438 | 0,5155 | 0,5614 | 0,6788 |
| 19 | 0,3687 | 0,4329 | 0,5034 | 0,5487 | 0,6652 |
| 20 | 0,3598 | 0,4227 | 0,4921 | 0,5368 | 0,6524 |
| 21 | 0,3515 | 0,4132 | 0,4815 | 0,5256 | 0,6402 |
| 22 | 0,3438 | 0,4044 | 0,4716 | 0,5151 | 0,6287 |
| 23 | 0,3365 | 0,3961 | 0,4622 | 0,5052 | 0,6178 |
| 24 | 0,3297 | 0,3882 | 0,4534 | 0,4958 | 0,6074 |
| 25 | 0,3233 | 0,3809 | 0,4451 | 0,4869 | 0,5974 |
| 26 | 0,3172 | 0,3739 | 0,4372 | 0,4785 | 0,5880 |
| 27 | 0,3115 | 0,3673 | 0,4297 | 0,4705 | 0,5790 |
| 28 | 0,3061 | 0,3610 | 0,4226 | 0,4629 | 0,5703 |
| 29 | 0,3009 | 0,3550 | 0,4158 | 0,4556 | 0,5620 |
| 30 | 0,2960 | 0,3494 | 0,4093 | 0,4487 | 0,5541 |
| 31 | 0,2913 | 0,3440 | 0,4032 | 0,4421 | 0,5465 |
| 32 | 0,2869 | 0,3388 | 0,3972 | 0,4357 | 0,5392 |
| 33 | 0,2826 | 0,3338 | 0,3916 | 0,4296 | 0,5322 |
| 34 | 0,2785 | 0,3291 | 0,3862 | 0,4238 | 0,5254 |
| 35 | 0,2746 | 0,3246 | 0,3810 | 0,4182 | 0,5189 |
| 36 | 0,2709 | 0,3202 | 0,3760 | 0,4128 | 0,5126 |
| 37 | 0,2673 | 0,3160 | 0,3712 | 0,4076 | 0,5066 |
| 38 | 0,2638 | 0,3120 | 0,3665 | 0,4026 | 0,5007 |
| 39 | 0,2605 | 0,3081 | 0,3621 | 0,3978 | 0,4950 |
| 40 | 0,2573 | 0,3044 | 0,3578 | 0,3932 | 0,4896 |

| DF = n-2 | 0,1 | 0,05 | 0,02 | 0,01 | 0,001 |
|---|---|---|---|---|---|
| | r 0,005 | r 0,05 | r 0,025 | r 0,01 | r 0,001 |
| 41 | 0,2542 | 0,3008 | 0,3536 | 0,3887 | 0,4843 |
| 42 | 0,2512 | 0,2973 | 0,3496 | 0,3843 | 0,4791 |
| 43 | 0,2483 | 0,2940 | 0,3457 | 0,3801 | 0,4742 |
| 44 | 0,2455 | 0,2907 | 0,3420 | 0,3761 | 0,4694 |
| 45 | 0,2429 | 0,2876 | 0,3384 | 0,3721 | 0,4647 |
| 46 | 0,2403 | 0,2845 | 0,3348 | 0,3683 | 0,4601 |
| 47 | 0,2377 | 0,2816 | 0,3314 | 0,3646 | 0,4557 |
| 48 | 0,2353 | 0,2787 | 0,3281 | 0,3610 | 0,4514 |
| 49 | 0,2329 | 0,2759 | 0,3249 | 0,3575 | 0,4473 |
| 50 | 0,2306 | 0,2732 | 0,3218 | 0,3542 | 0,4432 |
| 51 | 0,2284 | 0,2706 | 0,3188 | 0,3509 | 0,4393 |
| 52 | 0,2262 | 0,2681 | 0,3158 | 0,3477 | 0,4354 |
| 53 | 0,2241 | 0,2656 | 0,3129 | 0,3445 | 0,4317 |
| 54 | 0,2221 | 0,2632 | 0,3102 | 0,3415 | 0,4280 |
| 55 | 0,2201 | 0,2609 | 0,3074 | 0,3385 | 0,4244 |
| 56 | 0,2181 | 0,2586 | 0,3048 | 0,3357 | 0,4210 |
| 57 | 0,2162 | 0,2564 | 0,3022 | 0,3328 | 0,4176 |
| 58 | 0,2144 | 0,2542 | 0,2997 | 0,3301 | 0,4143 |
| 59 | 0,2126 | 0,2521 | 0,2972 | 0,3274 | 0,4110 |
| 60 | 0,2108 | 0,2500 | 0,2948 | 0,3248 | 0,4079 |
| 61 | 0,2091 | 0,2480 | 0,2925 | 0,3223 | 0,4048 |
| 62 | 0,2075 | 0,2461 | 0,2902 | 0,3198 | 0,4018 |
| 63 | 0,2058 | 0,2441 | 0,2880 | 0,3173 | 0,3988 |
| 64 | 0,2042 | 0,2423 | 0,2858 | 0,3150 | 0,3959 |
| 65 | 0,2027 | 0,2404 | 0,2837 | 0,3126 | 0,3931 |
| 66 | 0,2012 | 0,2387 | 0,2816 | 0,3104 | 0,3903 |
| 67 | 0,1997 | 0,2369 | 0,2796 | 0,3081 | 0,3876 |
| 68 | 0,1982 | 0,2352 | 0,2776 | 0,3060 | 0,3850 |
| 69 | 0,1968 | 0,2335 | 0,2756 | 0,3038 | 0,3823 |
| 70 | 0,1954 | 0,2319 | 0,2737 | 0,3017 | 0,3798 |
| 71 | 0,1940 | 0,2303 | 0,2718 | 0,2997 | 0,3773 |
| 72 | 0,1927 | 0,2287 | 0,2700 | 0,2977 | 0,3748 |
| 73 | 0,1914 | 0,2272 | 0,2682 | 0,2957 | 0,3724 |
| 74 | 0,1901 | 0,2257 | 0,2664 | 0,2938 | 0,3701 |
| 75 | 0,1888 | 0,2242 | 0,2647 | 0,2919 | 0,3678 |
| 76 | 0,1876 | 0,2227 | 0,2630 | 0,2900 | 0,3655 |
| 77 | 0,1864 | 0,2213 | 0,2613 | 0,2882 | 0,3633 |
| 78 | 0,1852 | 0,2199 | 0,2597 | 0,2864 | 0,3611 |
| 79 | 0,1841 | 0,2185 | 0,2581 | 0,2847 | 0,3589 |
| 80 | 0,1829 | 0,2172 | 0,2565 | 0,2830 | 0,3568 |
| 81 | 0,1818 | 0,2159 | 0,2550 | 0,2813 | 0,3547 |
| 82 | 0,1807 | 0,2146 | 0,2535 | 0,2796 | 0,3527 |

| DF = n-2 | 0,1 | 0,05 | 0,02 | 0,01 | 0,001 |
|---|---|---|---|---|---|
| | r 0,005 | r 0,05 | r 0,025 | r 0,01 | r 0,001 |
| 83 | 0,1796 | 0,2133 | 0,2520 | 0,2780 | 0,3507 |
| 84 | 0,1786 | 0,2120 | 0,2505 | 0,2764 | 0,3487 |
| 85 | 0,1775 | 0,2108 | 0,2491 | 0,2748 | 0,3468 |
| 86 | 0,1765 | 0,2096 | 0,2477 | 0,2732 | 0,3449 |
| 87 | 0,1755 | 0,2084 | 0,2463 | 0,2717 | 0,3430 |
| 88 | 0,1745 | 0,2072 | 0,2449 | 0,2702 | 0,3412 |
| 89 | 0,1735 | 0,2061 | 0,2435 | 0,2687 | 0,3393 |
| 90 | 0,1726 | 0,2050 | 0,2422 | 0,2673 | 0,3375 |
| 91 | 0,1716 | 0,2039 | 0,2409 | 0,2659 | 0,3358 |
| 92 | 0,1707 | 0,2028 | 0,2396 | 0,2645 | 0,3341 |
| 93 | 0,1698 | 0,2017 | 0,2384 | 0,2631 | 0,3323 |
| 94 | 0,1689 | 0,2006 | 0,2371 | 0,2617 | 0,3307 |
| 95 | 0,1680 | 0,1996 | 0,2359 | 0,2604 | 0,3290 |
| 96 | 0,1671 | 0,1986 | 0,2347 | 0,2591 | 0,3274 |
| 97 | 0,1663 | 0,1975 | 0,2335 | 0,2578 | 0,3258 |
| **98** | 0,1654 | **0,1966** | 0,2324 | 0,2565 | 0,3242 |
| 99 | 0,1646 | 0,1956 | 0,2312 | 0,2552 | 0,3226 |
| 100 | 0,1638 | 0,1946 | 0,2301 | 0,2540 | 0,3211 |

**Lampiran 6**
**Tabel Durbin-Watson (DW), α = 5%**

| | k=1 | | k=2 | | k=3 | | k=4 | | k=5 | |
|---|---|---|---|---|---|---|---|---|---|---|
| n | dL | dU | dL | dU | dL | dU | dL | dU | dL | dU |
| 6 | 0.6102 | 1.4002 | | | | | | | | |
| 7 | 0.6996 | 1.3564 | 0.4672 | 1.8964 | | | | | | |
| 8 | 0.7629 | 1.3324 | 0.5591 | 1.7771 | 0.3674 | 2.2866 | | | | |
| 9 | 0.8243 | 1.3199 | 0.6291 | 1.6993 | 0.4548 | 2.1282 | 0.2957 | 2.5881 | | |
| 10 | 0.8791 | 1.3197 | 0.6972 | 1.6413 | 0.5253 | 2.0163 | 0.3760 | 2.4137 | 0.2427 | 2.8217 |
| 11 | 0.9273 | 1.3241 | 0.7580 | 1.6044 | 0.5948 | 1.9280 | 0.4441 | 2.2833 | 0.3155 | 2.6446 |
| 12 | 0.9708 | 1.3314 | 0.8122 | 1.5794 | 0.6577 | 1.8640 | 0.5120 | 2.1766 | 0.3796 | 2.5061 |
| 13 | 1.0097 | 1.3404 | 0.8612 | 1.5621 | 0.7147 | 1.8159 | 0.5745 | 2.0943 | 0.4445 | 2.3897 |
| 14 | 1.0450 | 1.3503 | 0.9054 | 1.5507 | 0.7667 | 1.7788 | 0.6321 | 2.0296 | 0.5052 | 2.2959 |
| 15 | 1.0770 | 1.3605 | 0.9455 | 1.5432 | 0.8140 | 1.7501 | 0.6852 | 1.9774 | 0.5620 | 2.2198 |
| 16 | 1.1062 | 1.3709 | 0.9820 | 1.5386 | 0.8572 | 1.7277 | 0.7340 | 1.9351 | 0.6150 | 2.1567 |
| 17 | 1.1330 | 1.3812 | 1.0154 | 1.5361 | 0.8968 | 1.7101 | 0.7790 | 1.9005 | 0.6641 | 2.1041 |
| 18 | 1.1576 | 1.3913 | 1.0461 | 1.5353 | 0.9331 | 1.6961 | 0.8204 | 1.8719 | 0.7098 | 2.0600 |
| 19 | 1.1804 | 1.4012 | 1.0743 | 1.5355 | 0.9666 | 1.6851 | 0.8588 | 1.8482 | 0.7523 | 2.0226 |
| 20 | 1.2015 | 1.4107 | 1.1004 | 1.5367 | 0.9976 | 1.6763 | 0.8943 | 1.8283 | 0.7918 | 1.9908 |
| 21 | 1.2212 | 1.4200 | 1.1246 | 1.5385 | 1.0262 | 1.6694 | 0.9272 | 1.8116 | 0.8286 | 1.9635 |
| 22 | 1.2395 | 1.4289 | 1.1471 | 1.5408 | 1.0529 | 1.6640 | 0.9578 | 1.7974 | 0.8629 | 1.9400 |
| 23 | 1.2567 | 1.4375 | 1.1682 | 1.5435 | 1.0778 | 1.6597 | 0.9864 | 1.7855 | 0.8949 | 1.9196 |
| 24 | 1.2728 | 1.4458 | 1.1878 | 1.5464 | 1.1010 | 1.6565 | 1.0131 | 1.7753 | 0.9249 | 1.9018 |
| 25 | 1.2879 | 1.4537 | 1.2063 | 1.5495 | 1.1228 | 1.6540 | 1.0381 | 1.7666 | 0.9530 | 1.8863 |
| 26 | 1.3022 | 1.4614 | 1.2236 | 1.5528 | 1.1432 | 1.6523 | 1.0616 | 1.7591 | 0.9794 | 1.8727 |
| 27 | 1.3157 | 1.4688 | 1.2399 | 1.5562 | 1.1624 | 1.6510 | 1.0836 | 1.7527 | 1.0042 | 1.8608 |
| 28 | 1.3284 | 1.4759 | 1.2553 | 1.5596 | 1.1805 | 1.6503 | 1.1044 | 1.7473 | 1.0276 | 1.8502 |
| 29 | 1.3405 | 1.4828 | 1.2699 | 1.5631 | 1.1976 | 1.6499 | 1.1241 | 1.7426 | 1.0497 | 1.8409 |
| 30 | 1.3520 | 1.4894 | 1.2837 | 1.5666 | 1.2138 | 1.6498 | 1.1426 | 1.7386 | 1.0706 | 1.8326 |
| 31 | 1.3630 | 1.4957 | 1.2969 | 1.5701 | 1.2292 | 1.6500 | 1.1602 | 1.7352 | 1.0904 | 1.8252 |
| 32 | 1.3734 | 1.5019 | 1.3093 | 1.5736 | 1.2437 | 1.6505 | 1.1769 | 1.7323 | 1.1092 | 1.8187 |
| 33 | 1.3834 | 1.5078 | 1.3212 | 1.5770 | 1.2576 | 1.6511 | 1.1927 | 1.7298 | 1.1270 | 1.8128 |
| 34 | 1.3929 | 1.5136 | 1.3325 | 1.5805 | 1.2707 | 1.6519 | 1.2078 | 1.7277 | 1.1439 | 1.8076 |
| 35 | 1.4019 | 1.5191 | 1.3433 | 1.5838 | 1.2833 | 1.6528 | 1.2221 | 1.7259 | 1.1601 | 1.8029 |
| 36 | 1.4107 | 1.5245 | 1.3537 | 1.5872 | 1.2953 | 1.6539 | 1.2358 | 1.7245 | 1.1755 | 1.7987 |
| 37 | 1.4190 | 1.5297 | 1.3635 | 1.5904 | 1.3068 | 1.6550 | 1.2489 | 1.7233 | 1.1901 | 1.7950 |
| 38 | 1.4270 | 1.5348 | 1.3730 | 1.5937 | 1.3177 | 1.6563 | 1.2614 | 1.7223 | 1.2042 | 1.7916 |
| 39 | 1.4347 | 1.5396 | 1.3821 | 1.5969 | 1.3283 | 1.6575 | 1.2734 | 1.7215 | 1.2176 | 1.7886 |
| 40 | 1.4421 | 1.5444 | 1.3908 | 1.6000 | 1.3384 | 1.6589 | 1.2848 | 1.7209 | 1.2305 | 1.7859 |
| 41 | 1.4493 | 1.5490 | 1.3992 | 1.6031 | 1.3480 | 1.6603 | 1.2958 | 1.7205 | 1.2428 | 1.7835 |
| 42 | 1.4562 | 1.5534 | 1.4073 | 1.6061 | 1.3573 | 1.6617 | 1.3064 | 1.7202 | 1.2546 | 1.7814 |
| 43 | 1.4628 | 1.5577 | 1.4151 | 1.6091 | 1.3663 | 1.6632 | 1.3166 | 1.7200 | 1.2660 | 1.7794 |
| 44 | 1.4692 | 1.5619 | 1.4226 | 1.6120 | 1.3749 | 1.6647 | 1.3263 | 1.7200 | 1.2769 | 1.7777 |
| 45 | 1.4754 | 1.5660 | 1.4298 | 1.6148 | 1.3832 | 1.6662 | 1.3357 | 1.7200 | 1.2874 | 1.7762 |
| 46 | 1.4814 | 1.5700 | 1.4368 | 1.6176 | 1.3912 | 1.6677 | 1.3448 | 1.7201 | 1.2976 | 1.7748 |
| 47 | 1.4872 | 1.5739 | 1.4435 | 1.6204 | 1.3989 | 1.6692 | 1.3535 | 1.7203 | 1.3073 | 1.7736 |
| 48 | 1.4928 | 1.5776 | 1.4500 | 1.6231 | 1.4064 | 1.6708 | 1.3619 | 1.7206 | 1.3167 | 1.7725 |
| 49 | 1.4982 | 1.5813 | 1.4564 | 1.6257 | 1.4136 | 1.6723 | 1.3701 | 1.7210 | 1.3258 | 1.7716 |
| 50 | 1.5035 | 1.5849 | 1.4625 | 1.6283 | 1.4206 | 1.6739 | 1.3779 | 1.7214 | 1.3346 | 1.7708 |
| 51 | 1.5086 | 1.5884 | 1.4684 | 1.6309 | 1.4273 | 1.6754 | 1.3855 | 1.7218 | 1.3431 | 1.7701 |
| 52 | 1.5135 | 1.5917 | 1.4741 | 1.6334 | 1.4339 | 1.6769 | 1.3929 | 1.7223 | 1.3512 | 1.7694 |
| 53 | 1.5183 | 1.5951 | 1.4797 | 1.6359 | 1.4402 | 1.6785 | 1.4000 | 1.7228 | 1.3592 | 1.7689 |
| 54 | 1.5230 | 1.5983 | 1.4851 | 1.6383 | 1.4464 | 1.6800 | 1.4069 | 1.7234 | 1.3669 | 1.7684 |
| 55 | 1.5276 | 1.6014 | 1.4903 | 1.6406 | 1.4523 | 1.6815 | 1.4136 | 1.7240 | 1.3743 | 1.7681 |
| 56 | 1.5320 | 1.6045 | 1.4954 | 1.6430 | 1.4581 | 1.6830 | 1.4201 | 1.7246 | 1.3815 | 1.7678 |
| 57 | 1.5363 | 1.6075 | 1.5004 | 1.6452 | 1.4637 | 1.6845 | 1.4264 | 1.7253 | 1.3885 | 1.7675 |
| 58 | 1.5405 | 1.6105 | 1.5052 | 1.6475 | 1.4692 | 1.6860 | 1.4325 | 1.7259 | 1.3953 | 1.7673 |
| 59 | 1.5446 | 1.6134 | 1.5099 | 1.6497 | 1.4745 | 1.6875 | 1.4385 | 1.7266 | 1.4019 | 1.7672 |
| 60 | 1.5485 | 1.6162 | 1.5144 | 1.6518 | 1.4797 | 1.6889 | 1.4443 | 1.7274 | 1.4083 | 1.7671 |
| 61 | 1.5524 | 1.6189 | 1.5189 | 1.6540 | 1.4847 | 1.6904 | 1.4499 | 1.7281 | 1.4146 | 1.7671 |
| 62 | 1.5562 | 1.6216 | 1.5232 | 1.6561 | 1.4896 | 1.6918 | 1.4554 | 1.7288 | 1.4206 | 1.7671 |
| 63 | 1.5599 | 1.6243 | 1.5274 | 1.6581 | 1.4943 | 1.6932 | 1.4607 | 1.7296 | 1.4265 | 1.7671 |
| 64 | 1.5635 | 1.6268 | 1.5315 | 1.6601 | 1.4990 | 1.6946 | 1.4659 | 1.7303 | 1.4322 | 1.7672 |
| 65 | 1.5670 | 1.6294 | 1.5355 | 1.6621 | 1.5035 | 1.6960 | 1.4709 | 1.7311 | 1.4378 | 1.7673 |
| 66 | 1.5704 | 1.6318 | 1.5395 | 1.6640 | 1.5079 | 1.6974 | 1.4758 | 1.7319 | 1.4433 | 1.7675 |
| 67 | 1.5738 | 1.6343 | 1.5433 | 1.6660 | 1.5122 | 1.6988 | 1.4806 | 1.7327 | 1.4486 | 1.7676 |
| 68 | 1.5771 | 1.6367 | 1.5470 | 1.6678 | 1.5164 | 1.7001 | 1.4853 | 1.7335 | 1.4537 | 1.7678 |
| 69 | 1.5803 | 1.6390 | 1.5507 | 1.6697 | 1.5205 | 1.7015 | 1.4899 | 1.7343 | 1.4588 | 1.7680 |
| 70 | 1.5834 | 1.6413 | 1.5542 | 1.6715 | 1.5245 | 1.7028 | 1.4943 | 1.7351 | 1.4637 | 1.7683 |

| | k=1 | | k=2 | | k=3 | | k=4 | | k=5 | |
|---|---|---|---|---|---|---|---|---|---|---|
| n | dL | dU | dL | dU | dL | dU | dL | dU | dL | dU |
| 71 | 1.5865 | 1.6435 | 1.5577 | 1.6733 | 1.5284 | 1.7041 | 1.4987 | 1.7358 | 1.4685 | 1.7685 |
| 72 | 1.5895 | 1.6457 | 1.5611 | 1.6751 | 1.5323 | 1.7054 | 1.5029 | 1.7366 | 1.4732 | 1.7688 |
| 73 | 1.5924 | 1.6479 | 1.5645 | 1.6768 | 1.5360 | 1.7067 | 1.5071 | 1.7375 | 1.4778 | 1.7691 |
| 74 | 1.5953 | 1.6500 | 1.5677 | 1.6785 | 1.5397 | 1.7079 | 1.5112 | 1.7383 | 1.4822 | 1.7694 |
| 75 | 1.5981 | 1.6521 | 1.5709 | 1.6802 | 1.5432 | 1.7092 | 1.5151 | 1.7390 | 1.4866 | 1.7698 |
| 76 | 1.6009 | 1.6541 | 1.5740 | 1.6819 | 1.5467 | 1.7104 | 1.5190 | 1.7399 | 1.4909 | 1.7701 |
| 77 | 1.6036 | 1.6561 | 1.5771 | 1.6835 | 1.5502 | 1.7117 | 1.5228 | 1.7407 | 1.4950 | 1.7704 |
| 78 | 1.6063 | 1.6581 | 1.5801 | 1.6851 | 1.5535 | 1.7129 | 1.5265 | 1.7415 | 1.4991 | 1.7708 |
| 79 | 1.6089 | 1.6601 | 1.5830 | 1.6867 | 1.5568 | 1.7141 | 1.5302 | 1.7423 | 1.5031 | 1.7712 |
| 80 | 1.6114 | 1.6620 | 1.5859 | 1.6882 | 1.5600 | 1.7153 | 1.5337 | 1.7430 | 1.5070 | 1.7716 |
| 81 | 1.6139 | 1.6639 | 1.5888 | 1.6898 | 1.5632 | 1.7164 | 1.5372 | 1.7438 | 1.5109 | 1.7720 |
| 82 | 1.6164 | 1.6657 | 1.5915 | 1.6913 | 1.5663 | 1.7176 | 1.5406 | 1.7446 | 1.5146 | 1.7724 |
| 83 | 1.6188 | 1.6675 | 1.5942 | 1.6928 | 1.5693 | 1.7187 | 1.5440 | 1.7454 | 1.5183 | 1.7728 |
| 84 | 1.6212 | 1.6693 | 1.5969 | 1.6942 | 1.5723 | 1.7199 | 1.5472 | 1.7462 | 1.5219 | 1.7732 |
| 85 | 1.6235 | 1.6711 | 1.5995 | 1.6957 | 1.5752 | 1.7210 | 1.5505 | 1.7470 | 1.5254 | 1.7736 |
| 86 | 1.6258 | 1.6728 | 1.6021 | 1.6971 | 1.5780 | 1.7221 | 1.5536 | 1.7478 | 1.5289 | 1.7740 |
| 87 | 1.6280 | 1.6745 | 1.6046 | 1.6985 | 1.5808 | 1.7232 | 1.5567 | 1.7485 | 1.5322 | 1.7745 |
| 88 | 1.6302 | 1.6762 | 1.6071 | 1.6999 | 1.5836 | 1.7243 | 1.5597 | 1.7493 | 1.5356 | 1.7749 |
| 89 | 1.6324 | 1.6778 | 1.6095 | 1.7013 | 1.5863 | 1.7254 | 1.5627 | 1.7501 | 1.5388 | 1.7754 |
| 90 | 1.6345 | 1.6794 | 1.6119 | 1.7026 | 1.5889 | 1.7264 | 1.5656 | 1.7508 | 1.5420 | 1.7758 |
| 91 | 1.6366 | 1.6810 | 1.6143 | 1.7040 | 1.5915 | 1.7275 | 1.5685 | 1.7516 | 1.5452 | 1.7763 |
| 92 | 1.6387 | 1.6826 | 1.6166 | 1.7053 | 1.5941 | 1.7285 | 1.5713 | 1.7523 | 1.5482 | 1.7767 |
| 93 | 1.6407 | 1.6841 | 1.6188 | 1.7066 | 1.5966 | 1.7295 | 1.5741 | 1.7531 | 1.5513 | 1.7772 |
| 94 | 1.6427 | 1.6857 | 1.6211 | 1.7078 | 1.5991 | 1.7306 | 1.5768 | 1.7538 | 1.5542 | 1.7776 |
| 95 | 1.6447 | 1.6872 | 1.6233 | 1.7091 | 1.6015 | 1.7316 | 1.5795 | 1.7546 | 1.5572 | 1.7781 |
| 96 | 1.6466 | 1.6887 | 1.6254 | 1.7103 | 1.6039 | 1.7326 | 1.5821 | 1.7553 | 1.5600 | 1.7785 |
| 97 | 1.6485 | 1.6901 | 1.6275 | 1.7116 | 1.6063 | 1.7335 | 1.5847 | 1.7560 | 1.5628 | 1.7790 |
| 98 | 1.6504 | 1.6916 | 1.6296 | 1.7128 | 1.6086 | 1.7345 | 1.5872 | 1.7567 | 1.5656 | 1.7795 |
| 99 | 1.6522 | 1.6930 | 1.6317 | 1.7140 | 1.6108 | 1.7355 | 1.5897 | 1.7575 | 1.5683 | 1.7799 |
| **100** | 1.6540 | 1.6944 | 1.6337 | 1.7152 | **1.6131** | **1.7364** | 1.5922 | 1.7582 | 1.5710 | 1.7804 |
| 101 | 1.6558 | 1.6958 | 1.6357 | 1.7163 | 1.6153 | 1.7374 | 1.5946 | 1.7589 | 1.5736 | 1.7809 |
| 102 | 1.6576 | 1.6971 | 1.6376 | 1.7175 | 1.6174 | 1.7383 | 1.5969 | 1.7596 | 1.5762 | 1.7813 |
| 103 | 1.6593 | 1.6985 | 1.6396 | 1.7186 | 1.6196 | 1.7392 | 1.5993 | 1.7603 | 1.5788 | 1.7818 |
| 104 | 1.6610 | 1.6998 | 1.6415 | 1.7198 | 1.6217 | 1.7402 | 1.6016 | 1.7610 | 1.5813 | 1.7823 |
| 105 | 1.6627 | 1.7011 | 1.6433 | 1.7209 | 1.6237 | 1.7411 | 1.6038 | 1.7617 | 1.5837 | 1.7827 |
| 106 | 1.6644 | 1.7024 | 1.6452 | 1.7220 | 1.6258 | 1.7420 | 1.6061 | 1.7624 | 1.5861 | 1.7832 |
| 107 | 1.6660 | 1.7037 | 1.6470 | 1.7231 | 1.6277 | 1.7428 | 1.6083 | 1.7631 | 1.5885 | 1.7837 |
| 108 | 1.6676 | 1.7050 | 1.6488 | 1.7241 | 1.6297 | 1.7437 | 1.6104 | 1.7637 | 1.5909 | 1.7841 |
| 109 | 1.6692 | 1.7062 | 1.6505 | 1.7252 | 1.6317 | 1.7446 | 1.6125 | 1.7644 | 1.5932 | 1.7846 |
| 110 | 1.6708 | 1.7074 | 1.6523 | 1.7262 | 1.6336 | 1.7455 | 1.6146 | 1.7651 | 1.5955 | 1.7851 |
| 111 | 1.6723 | 1.7086 | 1.6540 | 1.7273 | 1.6355 | 1.7463 | 1.6167 | 1.7657 | 1.5977 | 1.7855 |
| 112 | 1.6738 | 1.7098 | 1.6557 | 1.7283 | 1.6373 | 1.7472 | 1.6187 | 1.7664 | 1.5999 | 1.7860 |
| 113 | 1.6753 | 1.7110 | 1.6574 | 1.7293 | 1.6391 | 1.7480 | 1.6207 | 1.7670 | 1.6021 | 1.7864 |
| 114 | 1.6768 | 1.7122 | 1.6590 | 1.7303 | 1.6410 | 1.7488 | 1.6227 | 1.7677 | 1.6042 | 1.7869 |
| 115 | 1.6783 | 1.7133 | 1.6606 | 1.7313 | 1.6427 | 1.7496 | 1.6246 | 1.7683 | 1.6063 | 1.7874 |
| 116 | 1.6797 | 1.7145 | 1.6622 | 1.7323 | 1.6445 | 1.7504 | 1.6265 | 1.7690 | 1.6084 | 1.7878 |
| 117 | 1.6812 | 1.7156 | 1.6638 | 1.7332 | 1.6462 | 1.7512 | 1.6284 | 1.7696 | 1.6105 | 1.7883 |
| 118 | 1.6826 | 1.7167 | 1.6653 | 1.7342 | 1.6479 | 1.7520 | 1.6303 | 1.7702 | 1.6125 | 1.7887 |
| 119 | 1.6839 | 1.7178 | 1.6669 | 1.7352 | 1.6496 | 1.7528 | 1.6321 | 1.7709 | 1.6145 | 1.7892 |
| 120 | 1.6853 | 1.7189 | 1.6684 | 1.7361 | 1.6513 | 1.7536 | 1.6339 | 1.7715 | 1.6164 | 1.7896 |
| 121 | 1.6867 | 1.7200 | 1.6699 | 1.7370 | 1.6529 | 1.7544 | 1.6357 | 1.7721 | 1.6184 | 1.7901 |
| 122 | 1.6880 | 1.7210 | 1.6714 | 1.7379 | 1.6545 | 1.7552 | 1.6375 | 1.7727 | 1.6203 | 1.7905 |
| 123 | 1.6893 | 1.7221 | 1.6728 | 1.7388 | 1.6561 | 1.7559 | 1.6392 | 1.7733 | 1.6222 | 1.7910 |
| 124 | 1.6906 | 1.7231 | 1.6743 | 1.7397 | 1.6577 | 1.7567 | 1.6409 | 1.7739 | 1.6240 | 1.7914 |
| 125 | 1.6919 | 1.7241 | 1.6757 | 1.7406 | 1.6592 | 1.7574 | 1.6426 | 1.7745 | 1.6258 | 1.7919 |
| 126 | 1.6932 | 1.7252 | 1.6771 | 1.7415 | 1.6608 | 1.7582 | 1.6443 | 1.7751 | 1.6276 | 1.7923 |
| 127 | 1.6944 | 1.7261 | 1.6785 | 1.7424 | 1.6623 | 1.7589 | 1.6460 | 1.7757 | 1.6294 | 1.7928 |
| 128 | 1.6957 | 1.7271 | 1.6798 | 1.7432 | 1.6638 | 1.7596 | 1.6476 | 1.7763 | 1.6312 | 1.7932 |
| 129 | 1.6969 | 1.7281 | 1.6812 | 1.7441 | 1.6653 | 1.7603 | 1.6492 | 1.7769 | 1.6329 | 1.7937 |
| 130 | 1.6981 | 1.7291 | 1.6825 | 1.7449 | 1.6667 | 1.7610 | 1.6508 | 1.7774 | 1.6346 | 1.7941 |
| 131 | 1.6993 | 1.7301 | 1.6838 | 1.7458 | 1.6682 | 1.7617 | 1.6523 | 1.7780 | 1.6363 | 1.7945 |
| 132 | 1.7005 | 1.7310 | 1.6851 | 1.7466 | 1.6696 | 1.7624 | 1.6539 | 1.7786 | 1.6380 | 1.7950 |
| 133 | 1.7017 | 1.7319 | 1.6864 | 1.7474 | 1.6710 | 1.7631 | 1.6554 | 1.7791 | 1.6397 | 1.7954 |
| 134 | 1.7028 | 1.7329 | 1.6877 | 1.7482 | 1.6724 | 1.7638 | 1.6569 | 1.7797 | 1.6413 | 1.7958 |
| 135 | 1.7040 | 1.7338 | 1.6889 | 1.7490 | 1.6738 | 1.7645 | 1.6584 | 1.7802 | 1.6429 | 1.7962 |
| 136 | 1.7051 | 1.7347 | 1.6902 | 1.7498 | 1.6751 | 1.7652 | 1.6599 | 1.7808 | 1.6445 | 1.7967 |

**Lampiran 7**
**Tabel t**

| d.f. | TINGKAT SIGNIFIKANSI | | | | | | |
|---|---|---|---|---|---|---|---|
| dua sisi | 20% | 10% | 5% | 2% | 1% | 0,2% | 0,1% |
| satu sisi | 10% | 5% | 2,5% | 1% | 0,5% | 0,1% | 0,05% |
| 1 | 3,078 | 6,314 | 12,706 | 31,821 | 63,657 | 318,309 | 636,619 |
| 2 | 1,886 | 2,920 | 4,303 | 6,965 | 9,925 | 22,327 | 31,599 |
| 3 | 1,638 | 2,353 | 3,182 | 4,541 | 5,841 | 10,215 | 12,924 |
| 4 | 1,533 | 2,132 | 2,776 | 3,747 | 4,604 | 7,173 | 8,610 |
| 5 | 1,476 | 2,015 | 2,571 | 3,365 | 4,032 | 5,893 | 6,869 |
| 6 | 1,440 | 1,943 | 2,447 | 3,143 | 3,707 | 5,208 | 5,959 |
| 7 | 1,415 | 1,895 | 2,365 | 2,998 | 3,499 | 4,785 | 5,408 |
| 8 | 1,397 | 1,860 | 2,306 | 2,896 | 3,355 | 4,501 | 5,041 |
| 9 | 1,383 | 1,833 | 2,262 | 2,821 | 3,250 | 4,297 | 4,781 |
| 10 | 1,372 | 1,812 | 2,228 | 2,764 | 3,169 | 4,144 | 4,587 |
| 11 | 1,363 | 1,796 | 2,201 | 2,718 | 3,106 | 4,025 | 4,437 |
| 12 | 1,356 | 1,782 | 2,179 | 2,681 | 3,055 | 3,930 | 4,318 |
| 13 | 1,350 | 1,771 | 2,160 | 2,650 | 3,012 | 3,852 | 4,221 |
| 14 | 1,345 | 1,761 | 2,145 | 2,624 | 2,977 | 3,787 | 4,140 |
| 15 | 1,341 | 1,753 | 2,131 | 2,602 | 2,947 | 3,733 | 4,073 |
| 16 | 1,337 | 1,746 | 2,120 | 2,583 | 2,921 | 3,686 | 4,015 |
| 17 | 1,333 | 1,740 | 2,110 | 2,567 | 2,898 | 3,646 | 3,965 |
| 18 | 1,330 | 1,734 | 2,101 | 2,552 | 2,878 | 3,610 | 3,922 |
| 19 | 1,328 | 1,729 | 2,093 | 2,539 | 2,861 | 3,579 | 3,883 |
| 20 | 1,325 | 1,725 | 2,086 | 2,528 | 2,845 | 3,552 | 3,850 |
| 21 | 1,323 | 1,721 | 2,080 | 2,518 | 2,831 | 3,527 | 3,819 |
| 22 | 1,321 | 1,717 | 2,074 | 2,508 | 2,819 | 3,505 | 3,792 |
| 23 | 1,319 | 1,714 | 2,069 | 2,500 | 2,807 | 3,485 | 3,768 |
| 24 | 1,318 | 1,711 | 2,064 | 2,492 | 2,797 | 3,467 | 3,745 |
| 25 | 1,316 | 1,708 | 2,060 | 2,485 | 2,787 | 3,450 | 3,725 |
| 26 | 1,315 | 1,706 | 2,056 | 2,479 | 2,779 | 3,435 | 3,707 |
| 27 | 1,314 | 1,703 | 2,052 | 2,473 | 2,771 | 3,421 | 3,690 |
| 28 | 1,313 | 1,701 | 2,048 | 2,467 | 2,763 | 3,408 | 3,674 |
| 29 | 1,311 | 1,699 | 2,045 | 2,462 | 2,756 | 3,396 | 3,659 |
| 30 | 1,310 | 1,697 | 2,042 | 2,457 | 2,750 | 3,385 | 3,646 |
| 31 | 1,309 | 1,696 | 2,040 | 2,453 | 2,744 | 3,375 | 3,633 |
| 32 | 1,309 | 1,694 | 2,037 | 2,449 | 2,738 | 3,365 | 3,622 |
| 33 | 1,308 | 1,692 | 2,035 | 2,445 | 2,733 | 3,356 | 3,611 |
| 34 | 1,307 | 1,691 | 2,032 | 2,441 | 2,728 | 3,348 | 3,601 |
| 35 | 1,306 | 1,690 | 2,030 | 2,438 | 2,724 | 3,340 | 3,591 |
| 36 | 1,306 | 1,688 | 2,028 | 2,434 | 2,719 | 3,333 | 3,582 |
| 37 | 1,305 | 1,687 | 2,026 | 2,431 | 2,715 | 3,326 | 3,574 |
| 38 | 1,304 | 1,686 | 2,024 | 2,429 | 2,712 | 3,319 | 3,566 |
| 39 | 1,304 | 1,685 | 2,023 | 2,426 | 2,708 | 3,313 | 3,558 |

| d.f. | TINGKAT SIGNIFIKANSI | | | | | | |
|---|---|---|---|---|---|---|---|
| dua sisi | 20% | 10% | 5% | 2% | 1% | 0,2% | 0,1% |
| satu sisi | 10% | 5% | 2,5% | 1% | 0,5% | 0,1% | 0,05% |
| 40 | 1,303 | 1,684 | 2,021 | 2,423 | 2,704 | 3,307 | 3,551 |
| 41 | 1,303 | 1,683 | 2,020 | 2,421 | 2,701 | 3,301 | 3,544 |
| 42 | 1,302 | 1,682 | 2,018 | 2,418 | 2,698 | 3,296 | 3,538 |
| 43 | 1,302 | 1,681 | 2,017 | 2,416 | 2,695 | 3,291 | 3,532 |
| 44 | 1,301 | 1,680 | 2,015 | 2,414 | 2,692 | 3,286 | 3,526 |
| 45 | 1,301 | 1,679 | 2,014 | 2,412 | 2,690 | 3,281 | 3,520 |
| 46 | 1,300 | 1,679 | 2,013 | 2,410 | 2,687 | 3,277 | 3,515 |
| 47 | 1,300 | 1,678 | 2,012 | 2,408 | 2,685 | 3,273 | 3,510 |
| 48 | 1,299 | 1,677 | 2,011 | 2,407 | 2,682 | 3,269 | 3,505 |
| 49 | 1,299 | 1,677 | 2,010 | 2,405 | 2,680 | 3,265 | 3,500 |
| 50 | 1,299 | 1,676 | 2,009 | 2,403 | 2,678 | 3,261 | 3,496 |
| 51 | 1,298 | 1,675 | 2,008 | 2,402 | 2,676 | 3,258 | 3,492 |
| 52 | 1,298 | 1,675 | 2,007 | 2,400 | 2,674 | 3,255 | 3,488 |
| 53 | 1,298 | 1,674 | 2,006 | 2,399 | 2,672 | 3,251 | 3,484 |
| 54 | 1,297 | 1,674 | 2,005 | 2,397 | 2,670 | 3,248 | 3,480 |
| 55 | 1,297 | 1,673 | 2,004 | 2,396 | 2,668 | 3,245 | 3,476 |
| 56 | 1,297 | 1,673 | 2,003 | 2,395 | 2,667 | 3,242 | 3,473 |
| 57 | 1,297 | 1,672 | 2,002 | 2,394 | 2,665 | 3,239 | 3,470 |
| 58 | 1,296 | 1,672 | 2,002 | 2,392 | 2,663 | 3,237 | 3,466 |
| 59 | 1,296 | 1,671 | 2,001 | 2,391 | 2,662 | 3,234 | 3,463 |
| 60 | 1,296 | 1,671 | 2,000 | 2,390 | 2,660 | 3,232 | 3,460 |
| 61 | 1,296 | 1,670 | 2,000 | 2,389 | 2,659 | 3,229 | 3,457 |
| 62 | 1,295 | 1,670 | 1,999 | 2,388 | 2,657 | 3,227 | 3,454 |
| 63 | 1,295 | 1,669 | 1,998 | 2,387 | 2,656 | 3,225 | 3,452 |
| 64 | 1,295 | 1,669 | 1,998 | 2,386 | 2,655 | 3,223 | 3,449 |
| 65 | 1,295 | 1,669 | 1,997 | 2,385 | 2,654 | 3,220 | 3,447 |
| 66 | 1,295 | 1,668 | 1,997 | 2,384 | 2,652 | 3,218 | 3,444 |
| 67 | 1,294 | 1,668 | 1,996 | 2,383 | 2,651 | 3,216 | 3,442 |
| 68 | 1,294 | 1,668 | 1,995 | 2,382 | 2,650 | 3,214 | 3,439 |
| 69 | 1,294 | 1,667 | 1,995 | 2,382 | 2,649 | 3,213 | 3,437 |
| 70 | 1,294 | 1,667 | 1,994 | 2,381 | 2,648 | 3,211 | 3,435 |
| 71 | 1,294 | 1,667 | 1,994 | 2,380 | 2,647 | 3,209 | 3,433 |
| 72 | 1,293 | 1,666 | 1,993 | 2,379 | 2,646 | 3,207 | 3,431 |
| 73 | 1,293 | 1,666 | 1,993 | 2,379 | 2,645 | 3,206 | 3,429 |
| 74 | 1,293 | 1,666 | 1,993 | 2,378 | 2,644 | 3,204 | 3,427 |
| 75 | 1,293 | 1,665 | 1,992 | 2,377 | 2,643 | 3,202 | 3,425 |
| 76 | 1,293 | 1,665 | 1,992 | 2,376 | 2,642 | 3,201 | 3,423 |
| 77 | 1,293 | 1,665 | 1,991 | 2,376 | 2,641 | 3,199 | 3,421 |
| 78 | 1,292 | 1,665 | 1,991 | 2,375 | 2,640 | 3,198 | 3,420 |
| 79 | 1,292 | 1,664 | 1,990 | 2,374 | 2,640 | 3,197 | 3,418 |
| 80 | 1,292 | 1,664 | 1,990 | 2,374 | 2,639 | 3,195 | 3,416 |

| d.f. | TINGKAT SIGNIFIKANSI | | | | | | |
|---|---|---|---|---|---|---|---|
| dua sisi | 20% | 10% | 5% | 2% | 1% | 0,2% | 0,1% |
| satu sisi | 10% | 5% | 2,5% | 1% | 0,5% | 0,1% | 0,05% |
| 81 | 1,292 | 1,664 | 1,990 | 2,373 | 2,638 | 3,194 | 3,415 |
| 82 | 1,292 | 1,664 | 1,989 | 2,373 | 2,637 | 3,193 | 3,413 |
| 83 | 1,292 | 1,663 | 1,989 | 2,372 | 2,636 | 3,191 | 3,412 |
| 84 | 1,292 | 1,663 | 1,989 | 2,372 | 2,636 | 3,190 | 3,410 |
| 85 | 1,292 | 1,663 | 1,988 | 2,371 | 2,635 | 3,189 | 3,409 |
| 86 | 1,291 | 1,663 | 1,988 | 2,370 | 2,634 | 3,188 | 3,407 |
| 87 | 1,291 | 1,663 | 1,988 | 2,370 | 2,634 | 3,187 | 3,406 |
| 88 | 1,291 | 1,662 | 1,987 | 2,369 | 2,633 | 3,185 | 3,405 |
| 89 | 1,291 | 1,662 | 1,987 | 2,369 | 2,632 | 3,184 | 3,403 |
| 90 | 1,291 | 1,662 | 1,987 | 2,368 | 2,632 | 3,183 | 3,402 |
| 91 | 1,291 | 1,662 | 1,986 | 2,368 | 2,631 | 3,182 | 3,401 |
| 92 | 1,291 | 1,662 | 1,986 | 2,368 | 2,630 | 3,181 | 3,399 |
| 93 | 1,291 | 1,661 | 1,986 | 2,367 | 2,630 | 3,180 | 3,398 |
| 94 | 1,291 | 1,661 | 1,986 | 2,367 | 2,629 | 3,179 | 3,397 |
| 95 | 1,291 | 1,661 | 1,985 | 2,366 | 2,629 | 3,178 | 3,396 |
| **96** | 1,290 | 1,661 | **1,985** | 2,366 | 2,628 | 3,177 | 3,395 |
| 97 | 1,290 | 1,661 | 1,985 | 2,365 | 2,627 | 3,176 | 3,394 |
| 98 | 1,290 | 1,661 | 1,984 | 2,365 | 2,627 | 3,175 | 3,393 |
| 99 | 1,290 | 1,660 | 1,984 | 2,365 | 2,626 | 3,175 | 3,392 |
| 100 | 1,290 | 1,660 | 1,984 | 2,364 | 2,626 | 3,174 | 3,390 |

**Lampiran 8**
**Tabel Pengujian Nilai F**

| No df | df 2 | | | | |
|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 |
| 1 | 161.448 | 199.5 | 215.707 | 224.583 | 230.162 |
| 2 | 18.513 | 19 | 19.164 | 19.247 | 19.296 |
| 3 | 10.128 | 9.552 | 9.277 | 9.117 | 9.013 |
| 4 | 7.709 | 6.944 | 6.591 | 6.388 | 6.256 |
| 5 | 6.608 | 5.786 | 5.409 | 5.192 | 5.05 |
| 6 | 5.987 | 5.143 | 4.757 | 4.534 | 4.387 |
| 7 | 5.591 | 4.737 | 4.347 | 4.12 | 3.972 |
| 8 | 5.318 | 4.459 | 4.066 | 3.838 | 3.687 |
| 9 | 5.117 | 4.256 | 3.863 | 3.633 | 3.482 |
| 10 | 4.965 | 4.103 | 3.708 | 3.478 | 3.326 |
| 11 | 4.844 | 3.982 | 3.587 | 3.357 | 3.204 |
| 12 | 4.747 | 3.885 | 3.49 | 3.259 | 3.106 |
| 13 | 4.667 | 3.806 | 3.411 | 3.179 | 3.025 |
| 14 | 4.6 | 3.739 | 3.344 | 3.112 | 2.958 |
| 15 | 4.543 | 3.682 | 3.287 | 3.056 | 2.901 |
| 16 | 4.494 | 3.634 | 3.239 | 3.007 | 2.852 |
| 17 | 4.451 | 3.592 | 3.197 | 2.965 | 2.81 |
| 18 | 4.414 | 3.555 | 3.16 | 2.928 | 2.773 |
| 19 | 4.381 | 3.522 | 3.127 | 2.895 | 2.74 |
| 20 | 4.351 | 3.493 | 3.098 | 2.866 | 2.711 |
| 21 | 4.325 | 3.467 | 3.072 | 2.84 | 2.685 |
| 22 | 4.301 | 3.443 | 3.049 | 2.817 | 2.661 |
| 23 | 4.279 | 3.422 | 3.028 | 2.796 | 2.64 |
| 24 | 4.26 | 3.403 | 3.009 | 2.776 | 2.621 |
| 25 | 4.242 | 3.385 | 2.991 | 2.759 | 2.603 |
| 26 | 4.225 | 3.369 | 2.975 | 2.743 | 2.587 |
| 27 | 4.21 | 3.354 | 2.96 | 2.728 | 2.572 |
| 28 | 4.196 | 3.34 | 2.947 | 2.714 | 2.558 |
| 29 | 4.183 | 3.328 | 2.934 | 2.701 | 2.545 |
| 30 | 4.171 | 3.316 | 2.922 | 2.69 | 2.534 |
| 40 | 4.085 | 3.232 | 2.839 | 2.606 | 2.449 |
| 50 | 4.034 | 3.183 | 2.79 | 2.557 | 2.4 |
| 60 | 4.001 | 3.15 | 2.758 | 2.525 | 2.368 |
| 70 | 3.978 | 3.128 | 2.736 | 2.503 | 2.346 |
| 80 | 3.96 | 3.111 | 2.716 | 2.486 | 2.329 |
| 81 | 3.959 | 3.109 | 2.717 | 2.484 | 2.327 |
| 82 | 3.957 | 3.108 | 2.716 | 2.483 | 2.326 |
| 83 | 3.956 | 3.107 | 2.715 | 2.482 | 2.324 |

| No df | df 2 | | | | |
|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 |
| 84 | 3.955 | 3.105 | 2.713 | 2.48 | 2.323 |
| 85 | 3.953 | 3.104 | 2.712 | 2.479 | 2.322 |
| 86 | 3.952 | 3.103 | 2.711 | 2.478 | 2.321 |
| 87 | 3.951 | 3.101 | 2.709 | 2.476 | 2.319 |
| 88 | 3.949 | 3.1 | 2.708 | 2.475 | 2.318 |
| 89 | 3.948 | 3.099 | 2.707 | 2.474 | 2.317 |
| 90 | 3.947 | 3.098 | 2.706 | 2.473 | 2.316 |
| 91 | 3.946 | 3.097 | 2.705 | 2.472 | 2.315 |
| 92 | 3.945 | 3.095 | 2.704 | 2.471 | 2.313 |
| 93 | 3.943 | 3.094 | 2.703 | 2.47 | 2.312 |
| 94 | 3.942 | 3.093 | 2.701 | 2.469 | 2.311 |
| 95 | 3.941 | 3.092 | 2.7 | 2.467 | 2.31 |
| **96** | 3.94 | 3.091 | **2.699** | 2.466 | 2.309 |
| 97 | 3.939 | 3.09 | 2.698 | 2.465 | 2.308 |
| 98 | 3.938 | 3.089 | 2.697 | 2.465 | 2.307 |
| 99 | 3.937 | 3.088 | 2.626 | 2.464 | 2.306 |
| 100 | 3.936 | 3.087 | 2.696 | 2.463 | 2.305 |
| 101 | 3.94 | 3.09 | 2.69 | 2.46 | 2.30 |
| 102 | 3.93 | 3.09 | 2.69 | 2.46 | 2.30 |
| 103 | 3.93 | 3.08 | 2.69 | 2.46 | 2.30 |
| 104 | 3.93 | 3.08 | 2.69 | 2.46 | 2.30 |
| 105 | 3.93 | 3.08 | 2.69 | 2.46 | 2.30 |
| 106 | 3.93 | 3.08 | 2.69 | 2.46 | 2.30 |
| 107 | 3.93 | 3.08 | 2.69 | 2.46 | 2.30 |
| 108 | 3.93 | 3.08 | 2.69 | 2.46 | 2.30 |
| 109 | 3.93 | 3.08 | 2.69 | 2.45 | 2.30 |
| 110 | 3.93 | 3.08 | 2.69 | 2.45 | 2.30 |