# DAFTAR PUSTAKA

Adriyani, P. D., & Dewi, I. G. A. M. (2020). *Penelitian ini bertujuan untuk menganalisis pengaruh iklim organisasi, motivasi kerja, dan stres kerja terhadap kepuasan kerja karyawan. Populasi dalam penelitian ini adalah sebanyak 150 orang jumlah sampel 86 orang karyawan Hotel Keraton Jimbaran Beach d*. *9*(10), 3463–3485.

Afandi, P. (2018). *Manajemen Sumber Daya Manusia Teori, Konsep, dan Indikator*. Pekanbaru: Zanafa Publishing.

Amalia, M. R. (2021). Tantangan UKM Menghadapi Pandemi Covid-19: Pengaruh Kepemimpinan dan Pelatihan terhadap Kinerja. *CAPITAL: Jurnal Ekonomi Dan Manajemen*, *4*(2), 91. https://doi.org/10.25273/capital.v4i2.8739

Anoraga, P. (2014). *Psikologi Kerja*. Jakarta: Rineka Cipta.

Ardianti, F. E., Qomariah, N., & Wibowo, Y. G. (2018). Pengaruh Motivasi Kerja, Kompensasi dan Lingkungan Kerja Terhadap Kepuasan Kerja Karyawan (Studi Kasus Pada PT. Sumber Alam Santoso Pratama Karangsari Banyuwangi). *Jurnal Sains Manajemen Dan Bisnis Indonesia*, *8*(1), 13–31. https://doi.org/10.32528/smbi.v8i1.1764

Azhar, M. E., Nurdin, D. U., & Siswadi, Y. (2020). “Pengaruh Disiplin Kerja dan Kompensasi Terhadap Kepuasan Kerja Karyawan Pengaruh Disiplin Kerja dan Kompensasi Terhadap Kepuasan Kerja Karyawan PT Mitra Abadi Setiacargo - Medan.” *Jurnal Humaniora*, *4*(1), 46–60.

Bangun, W. (2012). *Manajemen Sumber Daya Manusia*. Jakarta: Penerbit Erlangga.

Ghozali, I. (2018). *Aplikasi Analisis Multivariate Dengan Program IBN SPSS 25* (9th ed.). Semarang: Badan Penerbit Universitas Diponegoro.

Handoko, T. H. (2014). *Manajemen Personalia dan Sumber Daya Manusia* (2nd ed.). Yogyakarta: BPFE Yogyakarta.

Hasibuan, M. (2019). *Organisasi dan Motivasi*. Jakarta: PT. Bumi Aksara.

Hasibuan, M. (2020). *Manajemen Sumber daya Manusia*. Jakarta: PT. Bumi Aksara.

Lucky Meilasari, L. E., Parashakti, R. D., Justian, J., & Wahyuni, E. (2020). Pengaruh Kompensasi, Beban Kerja Dan Disiplin Kerja Terhadap Kepuasan Kerja Karyawan. *Jurnal Ilmu Manajemen Terapan*, *1*(6), 605–619. https://doi.org/10.31933/jimt.v1i6.296

Marliani, R., & Hambali, A. (2018). *psikologi industri & organisasi*. Bandung: CV. Pustaka Setia.

Moenir. (2009). *Manajemen Pelayanan Umum di Indonesia*. Jakarta: Mandar Maju.

Parimita, W., Khoiriyah, S., & Handaru, A. W. (2018). Pengaruh Motivasi Kerja Dan Kompensasi Terhadap Kepuasan Kerja Pada Karyawan Pt Tridaya Eramina Bahari. *JRMSI - Jurnal Riset Manajemen Sains Indonesia*, *9*(1), 125–144. https://doi.org/10.21009/jrmsi.009.1.09

Qarismail, P., & Taufik. (2020). Pengaruh Gaya Kepemimpinan Transformasional, Motivasi Dan Disiplin Kerja Terhadap Kepuasan Kerja Karyawan Studi Pada the Westlake Resort Yogyakarta. *Jurnal Bisnis Dan Manajemen*, *53*(9), 1689–1699.

Rizky, P., Wahjusaputri, S., & Wibowo, A. A. (2020). Pengaruh Disiplin Kerja Dan Budaya Organisasi Terhadap Kepuasan Kerja Karyawan Pizza Hut Wilayah Jakarta Timur. *Jurnal Riset Manajemen Sekolah Tinggi Ilmu Ekonomi Widya Wiwaha Program Magister Manajemen*, *7*(2), 105–112. https://doi.org/10.32477/jrm.v7i2.195

Robbins, S. P., & Judge, T. A. (2015). *Perilaku Organisasi* (16th ed.). Jakarta:

Satriawan, I. G. W., & Ardana, I. K. (2018). Pengaruh Kompensasi Finansial, Gaya Kepemimpinan Transformasional, Dan Motivasi Kerja Terhadap Kepuasan Kerja Karyawan. *E-Jurnal Manajemen Universitas Udayana*, *8*(3), 1176. https://doi.org/10.24843/ejmunud.2019.v08.i03.p01

Sinambela, L. P. (2017). *Manajemen Sumber Daya Manusia* (Suryani & R. Damayanti (eds.). Jakarta: PT. Bumi Aksara.

Siswanto, H. B. (2013), *Pengantar Manajemen*. Jakarta: Bumi Aksara

Sugiyono. (2020). *Metode Penelitian Kuantitatif, Kualitatif dan R&D* (Sutopo Dr.). Bandung: Alfabeta.

Suliyanto. (2018). *Metode Penelitian Bisnis Untuk Skripsi, Tesis, & Disertasi* (C. Aditya (ed.). Jakarta: Andi Offset.

Suryani, N. L. (2018). Pengaruh Gaya Kepemimpinan Transaksional, Kepemimpinan Transformasional Terhadap Kepuasan Kerja Karyawan Pada PT. JASARAHARJA PUTERA. *Pengaruh Gaya Kepemimpinan Transaksional, Kepemimpinan Transformasional Terhadap Kepuasan Kerja Karyawan Pada PT. Jasaraharja Putera*, *15*(1), 165–175. https://core.ac.uk/download/pdf/196255896.pdf

Suryanto, B., & Daryanto. (2022). *Manajemen Penilaian Kinerja Karyawan* (Revisi). Jakarta: Penerbit Gaya Media.

Ulum, M. C. (2019). *Leadership Dinamika Teori Pendekatan dan Isu Trategis Kepemimpinan di Sektor Publik*. Malang: Universitas Brawijaya Pres (UB Pres).

Yumhi. (2021). Pengaruh Disiplin Kerja, Kompetensi Dan Motivasi Kerja Terhadap Kepuasan Kerja. *The Asia Pacific Journal of Management Studies*, *8*(2), 71–78.

# 

# LAMPIRAN

**Lampiran 1 Kuesioner Penelitian**

Yth. Bapak/Ibu Responden

Dengan Hormat

Saya yang bertanda tangan di bawah ini :

Nama : Risman Maulana

NPM : 4119500169

Mengajukan permohonan pengisian kuesioner yang akan digunakan sebagai sumber data dalam penelitian yang berjudul “Pengaruh Kepemimpinan Transformasional, Disiplin Kerja dan Motivasi Kerja Terhadap Kepuasan Kerja Karyawan Pada Wisata Bukit Tangkeban Kabupaten Pemalang”. Dalam rangka menyelesaikan penelitian, kami mahasiswa Fakultas Ekonomi dan Bisnis Universitas Pancasakti Tegal, mohon partisipasinya dari Bapak/Ibu untuk mengisi kuesioner yang telah kami sediakan.

Adapun data kami minta adalah sesuai dengan kondisi yang dirasakan Bapak/Ibu selama ini, kami akan menjaga kerahasiaan karena data ini hanya untuk kepentingan penelitian.

Setiap jawaban yang kami berikan merupakan bantuan yang sangat berarti untuk penelitian ini, untuk itu kami ucapkan terimakasih.

Hormat Saya,

Risman Maulana

**Petunjuk Pengisian**

1. Sebelum mengisi daftar pertanyaan utama, Bapak/Ibu dimohon untuk mengisi data responden yang penting untuk penelitian ini.
2. Berikan tanda (√) pada kotak jawaban yang tersedia.
3. Mohon untuk menjawab semua pernyataan yang tertera tanpa melewati pernyataan.

DATA RESPONDEN

NAMA :

1. Jenis Kelamin

Laki-Laki Perempuan

1. Usia

20-30 Tahun 30-40 Tahun 40-50 Tahun

1. Pendidikan Terakhir

SD SMP SMA/SMK S1

KETERANGAN JAWABAN

SS : Sangat Setuju

S : Setuju

N : Netral

TS : Tidak Setuju

STS : Sangat Tidak Setuju

1. **kepuasan kerja**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No** | **PERNYATAAN** | **SS** | **S** | **N** | **TS** | **STS** |
| **PROFESIONALISME** | | | | | | |
| 1. | Saya bekerja dengan profesional tanpa melibatkan urusan pribadi. |  |  |  |  |  |
| 2. | Saya memiliki pengetahuan, kemampuan dan pengalaman dalam melakukan pekerjaan. |  |  |  |  |  |
| 3. | Saya memiliki sikap profesionalisme yang ditetapkan oleh organisasi. |  |  |  |  |  |
| **KOMUNIKASI** | | | | | | |
| 4. | Saya mampu berkomunikasi dengan atasan dan rekan kerja secara baik. |  |  |  |  |  |
| 5. | Saya dapat berinteraksi dengan atasan dan rekan kerja. |  |  |  |  |  |
| **KERJASAMA TIM** | | | | | | |
| 6. | Saya mampu bekerjasama dengan tim. |  |  |  |  |  |
| 7. | Saya selalu mendiskusikan pada rekan kerja maupun atasan saat melakukan suatu pekerjaan. |  |  |  |  |  |
| 8. | Saya selalu membantu rekan kerja saat kesulitan dalam melukan pekerjaan. |  |  |  |  |  |
| **KREATIVITAS DAN INISIATIF** | | | | | | |
| 9. | Saya kreatif dalam melakukan perkejaan. |  |  |  |  |  |
| 10. | Saya selalu berinisiatif menyelesaikan pekerjaan dengan baik. |  |  |  |  |  |
| **IMBALAN** | | | | | | |
| 11. | Di tempat saya bekerja memberikan imbalan yang sesuai dengan apa yang saya kerjakan |  |  |  |  |  |
| 12. | Saya merasa puas jika imbalan yang saya terima sesuai dengan yang saya kerjakan |  |  |  |  |  |
| 13. | Saya mendapatkan jaminan kesehatan di tempat saya bekerja. |  |  |  |  |  |

1. **Kepemimpinan Transformasional**

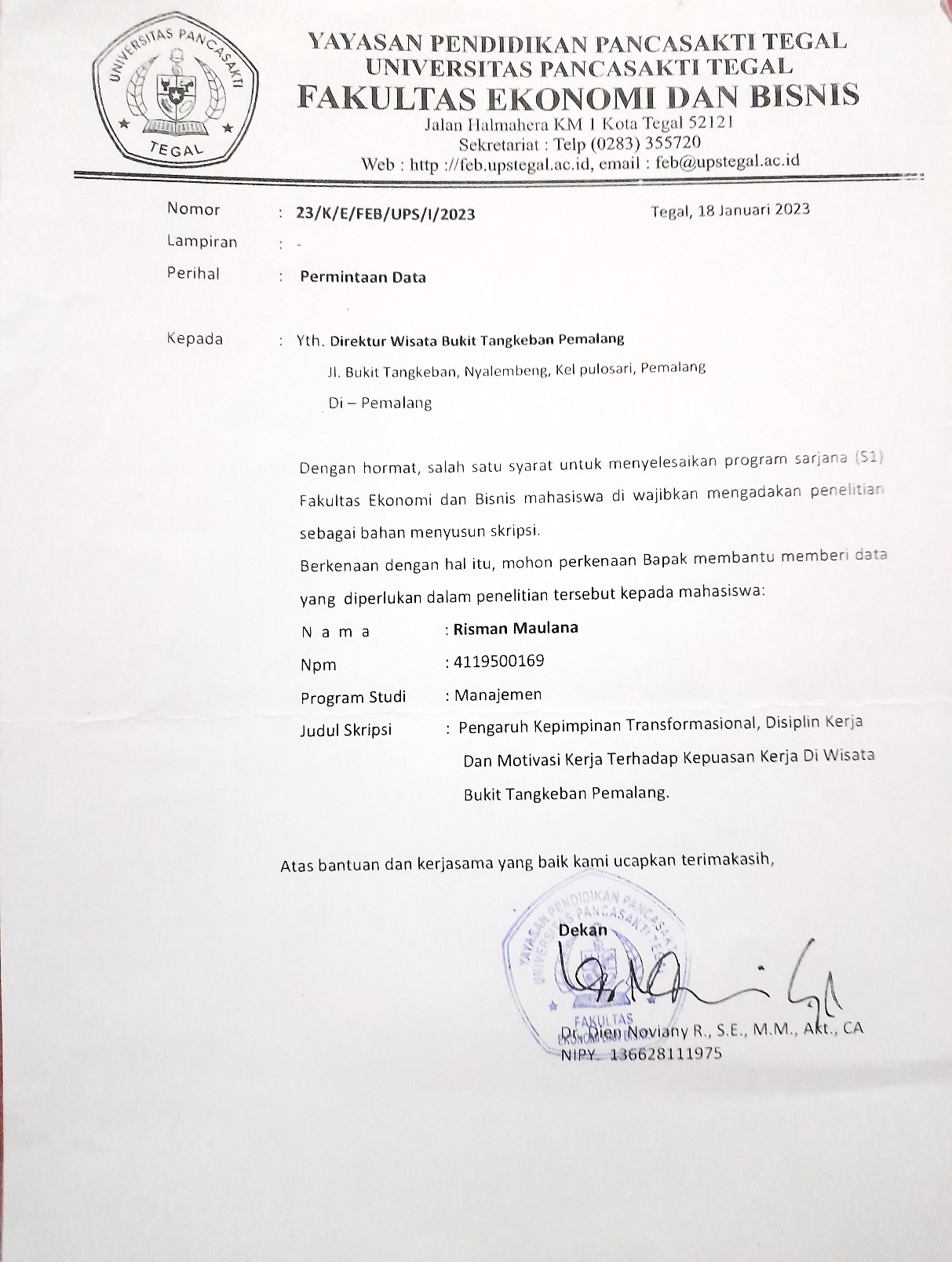
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No** | **PERNYATAAN** | **SS** | **S** | **N** | **TS** | **STS** |
| **MEMBERIKAN CONTOH** | | | | | | |
| 1. | Pemimpin di tempat saya bekerja memberikan contoh yang baik, yang dapat diikuti oleh bawahannya. |  |  |  |  |  |
| 2. | Pemimpin di tempat saya bekerja selalu menghormati bawahannya. |  |  |  |  |  |
| 3. | Pemimpin di tempat saya bekerja selalu berangkat tepat waktu. |  |  |  |  |  |
| **KOMITMEN** | | | | | | |
| 4. | Pemimpin di tempat saya bekerja mencontohkan komitmen terhadap seluruh tujuan organisasi. |  |  |  |  |  |
| 5. | Pemimpin di tempat saya bekerja memberikan semangat dan motivasi kepada bawahannya. |  |  |  |  |  |
| **MENIMBULKAN IDE** | | | | | | |
| 6. | Pemimpin di tempat saya bekerja memberikan ide – ide baru pada bawahan. |  |  |  |  |  |
| 7. | Pemimpin di tempat saya bekerja mau mendengarkan ide – ide baru dari bawahan. |  |  |  |  |  |
| **MEMBERIKAN PERHATIAN** | | | | | | |
| 8. | Pemimpin di tempat saya bekerja mau mendengarkan masukan dari bawahan. |  |  |  |  |  |
| 9. | Pemimpinan di tempat saya bekerja memberikan perhatian atas apa yang dibutuhkan bawahan. |  |  |  |  |  |

1. **Disiplin Kerja**

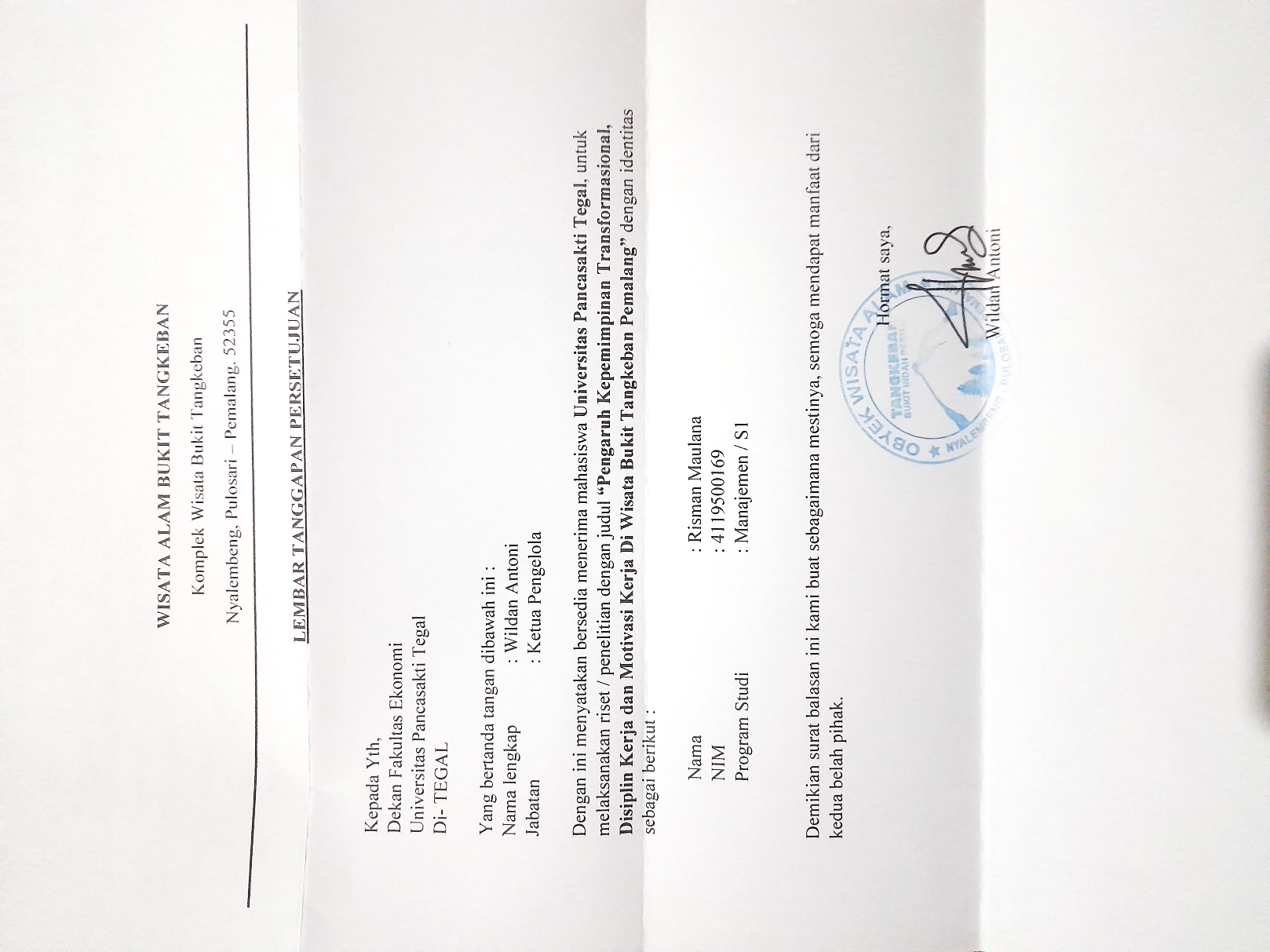
|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No** | **PERNYATAAN** | **SS** | **S** | **N** | **TS** | **STS** |
| **TINGKAT ABSENSI** | | | | | | |
| 1. | Saya selalu masuk kerja tepat waktu. |  |  |  |  |  |
| 2. | Saya tidak pernah berangkat bekerja tanpa keterangan. |  |  |  |  |  |
| 3. | Saya tidak meninggalkan tempat kerja tanpa ijin. |  |  |  |  |  |
| **WAKTU ISTIRAHAT** | | | | | | |
| 4. | Saya menggunakan waktu istirahat dengan baik. |  |  |  |  |  |
| 5. | Saya beristirahat sesuai dengan waktunya. |  |  |  |  |  |
| **PENGGUNAAN PERALATAN** | | | | | | |
| 6. | Saya menggunakan peralatan kerja sesuai dengan prosedur organisasi. |  |  |  |  |  |
| 7. | Saya menggunakan peralatan sesuai dengan fungsinya. |  |  |  |  |  |
| **SIKAP HATI–HATI** | | | | | | |
| 8. | Saya selalu berhati – hati melakukan pekerjaan yang sudah diberikan oleh atasan. |  |  |  |  |  |
| 9. | Saya melakukan pekerjaan sesuai dengan prosedur organisasi. |  |  |  |  |  |
| **KETAATAN** | | | | | | |
| 10. | Saya menaati peraturan yang telah ditetapkan oleh organisasi. |  |  |  |  |  |
| 11. | Saya siap diberi sanksi/hukuman sesuai dengan kesalahan yang dilakukan. |  |  |  |  |  |

1. **Motivasi Kerja**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No** | **PERNYATAAN** | **SS** | **S** | **N** | **TS** | **STS** |
| **BALAS JASA** | | | | | | |
| 1. | Saya mendapatkan imbalan sesuai denga apa yang telah saya kerjakan. |  |  |  |  |  |
| 2. | Saya merasa senang karena dengan gaji yang saya terima dapat memenuhi kebutuhan saya. |  |  |  |  |  |
| **FASILITAS** | | | | | | |
| 3. | Kondisi di tempat saya bekerja memberikan fasilitas yang diperlukan karyawan. |  |  |  |  |  |
| 4. | Fasilitas di tempat saya bekerja sangat membantu pekerjaan karyawan. |  |  |  |  |  |
| 5. | Fasilitas di tempat saya bekerja membantu saya dalam menyelesaikan pekerjaan. |  |  |  |  |  |
| **PENGAKUAN** | | | | | | |
| 6. | Saya selalu bekerja dengan baik agar mendapatkan pengakuan dari pimpinan. |  |  |  |  |  |
| 7. | Perusahaan tempat saya bekerja memberikan pengakuan atas hasil kerja yang sudah dilakukan. |  |  |  |  |  |
| **PEKERJAAN** | | | | | | |
| 8. | Saya merasa senang melakukan pekerjaan yang diberikan oleh organisasi. |  |  |  |  |  |
| 9. | Saya selalu mengejakan apa yang ditugaskan oleh pimpinan. |  |  |  |  |  |

**Lampiran 2 Surat Izin** 

**Lampiran 3 Surat Balasan**



**Lampiran 4 Tabulasi Y**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | Y.1 | Y.2 | Y.3 | Y.4 | Y.5 | Y.6 | Y.7 | Y.8 | Y.9 | Y.10 | Y.11 | Y.12 | Y.13 | Total |
| 1 | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 5 | 5 | 3 | 5 | 4 | 4 | 57 |
| 2 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 59 |
| 3 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 63 |
| 4 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 5 | 4 | 5 | 58 |
| 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 51 |
| 6 | 5 | 4 | 4 | 5 | 4 | 5 | 4 | 4 | 3 | 5 | 5 | 4 | 5 | 57 |
| 7 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 4 | 4 | 3 | 5 | 5 | 5 | 58 |
| 8 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 62 |
| 9 | 5 | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 57 |
| 10 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 63 |
| 11 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 2 | 60 |
| 12 | 5 | 4 | 5 | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 59 |
| 13 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 49 |
| 14 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 40 |
| 15 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 3 | 4 | 59 |
| 16 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 43 |
| 17 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 3 | 3 | 3 | 3 | 53 |
| 18 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 55 |
| 19 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 4 | 4 | 5 | 3 | 49 |
| 20 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 50 |
| 21 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 40 |
| 22 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 40 |
| 23 | 5 | 4 | 5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 44 |
| 24 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 53 |
| 25 | 5 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 61 |
| 26 | 4 | 4 | 3 | 3 | 3 | 5 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 46 |
| 27 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 52 |
| 28 | 3 | 4 | 4 | 3 | 3 | 5 | 3 | 5 | 4 | 3 | 3 | 5 | 5 | 50 |
| 29 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 4 | 3 | 3 | 4 | 5 | 4 | 48 |
| 30 | 5 | 3 | 3 | 3 | 3 | 5 | 3 | 5 | 3 | 5 | 4 | 5 | 5 | 52 |
| 31 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 3 | 4 | 4 | 4 | 4 | 52 |
| 32 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 48 |
| 33 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 3 | 4 | 49 |
| 34 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 54 |
| 35 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 5 | 3 | 4 | 4 | 3 | 49 |
| 36 | 4 | 4 | 4 | 5 | 4 | 4 | 5 | 4 | 5 | 4 | 5 | 5 | 3 | 56 |
| 37 | 4 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 5 | 4 | 2 | 5 | 3 | 54 |
| 38 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 5 | 4 | 3 | 4 | 4 | 4 | 50 |
| 39 | 5 | 4 | 5 | 4 | 4 | 3 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 54 |
| 40 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 51 |
| 41 | 4 | 5 | 4 | 4 | 4 | 4 | 5 | 3 | 4 | 4 | 4 | 5 | 3 | 53 |
| 42 | 4 | 4 | 5 | 4 | 4 | 5 | 4 | 3 | 3 | 3 | 3 | 4 | 3 | 49 |
| 43 | 3 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 53 |
| 44 | 5 | 5 | 5 | 4 | 5 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 56 |
| 45 | 4 | 4 | 5 | 4 | 4 | 2 | 4 | 5 | 4 | 4 | 4 | 4 | 3 | 51 |
| 46 | 5 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 5 | 4 | 4 | 4 | 4 | 52 |
| 47 | 4 | 3 | 3 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 5 | 3 | 4 | 48 |
| 48 | 3 | 4 | 4 | 5 | 4 | 4 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 49 |
| 49 | 4 | 4 | 5 | 4 | 4 | 3 | 5 | 4 | 4 | 4 | 3 | 5 | 5 | 54 |
| 50 | 4 | 4 | 2 | 2 | 4 | 3 | 4 | 5 | 4 | 4 | 4 | 4 | 3 | 47 |
| 51 | 5 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 61 |
| 52 | 5 | 4 | 4 | 4 | 4 | 5 | 4 | 3 | 4 | 4 | 5 | 4 | 5 | 55 |
| 53 | 4 | 4 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 58 |
| 54 | 4 | 4 | 5 | 4 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 58 |
| 55 | 4 | 4 | 4 | 4 | 4 | 2 | 4 | 3 | 4 | 3 | 4 | 3 | 3 | 46 |
| 56 | 5 | 4 | 3 | 4 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 49 |
| 57 | 5 | 5 | 4 | 3 | 3 | 3 | 5 | 5 | 4 | 5 | 3 | 5 | 4 | 54 |
| 58 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 59 |
| 59 | 4 | 4 | 3 | 5 | 5 | 5 | 4 | 3 | 4 | 3 | 5 | 4 | 5 | 54 |
| 60 | 5 | 4 | 5 | 5 | 3 | 5 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 56 |
| 61 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 54 |
| 62 | 5 | 4 | 4 | 5 | 4 | 3 | 5 | 5 | 5 | 4 | 3 | 4 | 4 | 55 |
| 63 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 56 |
| 64 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 62 |
| 65 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 57 |
| 66 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 4 | 5 | 3 | 5 | 4 | 58 |
| 67 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 54 |
| 68 | 4 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 61 |

**Lampiran 5 Tabulasi Data X1**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | X1.1 | x1.2 | X1.3 | X1.4 | X1.5 | X1.6 | X1.7 | X1.8 | X1.9 | Total |
| 1 | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 41 |
| 2 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 43 |
| 3 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 43 |
| 4 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 41 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 45 |
| 6 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 42 |
| 7 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 45 |
| 8 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 40 |
| 9 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 42 |
| 10 | 5 | 5 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 41 |
| 11 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 43 |
| 12 | 4 | 4 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 41 |
| 13 | 5 | 5 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 39 |
| 14 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 5 | 5 | 41 |
| 15 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 45 |
| 16 | 4 | 4 | 4 | 5 | 4 | 5 | 5 | 4 | 5 | 40 |
| 17 | 4 | 5 | 4 | 4 | 4 | 5 | 4 | 5 | 5 | 40 |
| 18 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 5 | 43 |
| 19 | 4 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 41 |
| 20 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 43 |
| 21 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 45 |
| 22 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 45 |
| 23 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 38 |
| 24 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 37 |
| 25 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 42 |
| 26 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 39 |
| 27 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 39 |
| 28 | 5 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 38 |
| 29 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 43 |
| 30 | 4 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 42 |
| 31 | 4 | 3 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 39 |
| 32 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 5 | 4 | 40 |
| 33 | 4 | 5 | 4 | 4 | 5 | 4 | 5 | 4 | 3 | 38 |
| 34 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 37 |
| 35 | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 39 |
| 36 | 5 | 4 | 3 | 4 | 3 | 5 | 5 | 4 | 4 | 37 |
| 37 | 4 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 4 | 41 |
| 38 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 40 |
| 39 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 5 | 38 |
| 40 | 5 | 4 | 4 | 5 | 5 | 3 | 4 | 5 | 4 | 39 |
| 41 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 40 |
| 42 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 35 |
| 43 | 4 | 5 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 38 |
| 44 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 42 |
| 45 | 5 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 3 | 37 |
| 46 | 4 | 3 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 39 |
| 47 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 41 |
| 48 | 4 | 4 | 3 | 4 | 4 | 4 | 5 | 5 | 4 | 37 |
| 49 | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 39 |
| 50 | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 5 | 5 | 41 |
| 51 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 43 |
| 52 | 4 | 5 | 3 | 4 | 5 | 5 | 5 | 4 | 5 | 40 |
| 53 | 5 | 5 | 5 | 4 | 4 | 4 | 3 | 5 | 4 | 39 |
| 54 | 5 | 5 | 5 | 3 | 5 | 4 | 5 | 5 | 5 | 42 |
| 55 | 4 | 5 | 4 | 4 | 5 | 4 | 5 | 4 | 3 | 38 |
| 56 | 5 | 4 | 3 | 5 | 4 | 5 | 4 | 5 | 5 | 40 |
| 57 | 4 | 5 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 34 |
| 58 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 41 |
| 59 | 4 | 4 | 5 | 4 | 5 | 4 | 4 | 4 | 5 | 39 |
| 60 | 3 | 5 | 4 | 4 | 5 | 3 | 5 | 4 | 4 | 37 |
| 61 | 5 | 3 | 5 | 5 | 4 | 4 | 4 | 5 | 4 | 39 |
| 62 | 5 | 4 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 42 |
| 63 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 43 |
| 64 | 4 | 5 | 2 | 5 | 5 | 5 | 5 | 5 | 4 | 40 |
| 65 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 45 |
| 66 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 45 |
| 67 | 4 | 3 | 4 | 5 | 3 | 4 | 4 | 5 | 5 | 37 |
| 68 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 39 |

**Lampiran 6 Tabulasi Data X2**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | x2.1 | x2.2 | x2.3 | x2.4 | x2.5 | x2.6 | x2.7 | x2.8 | x2.9 | x2.10 | x2.11 | Total |
| 1 | 3 | 3 | 3 | 3 | 3 | 4 | 5 | 4 | 5 | 3 | 3 | 39 |
| 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 44 |
| 3 | 3 | 3 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 3 | 44 |
| 4 | 4 | 3 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 3 | 43 |
| 5 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 4 | 49 |
| 6 | 5 | 4 | 5 | 3 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 50 |
| 7 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 39 |
| 8 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 55 |
| 9 | 4 | 3 | 4 | 5 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 49 |
| 10 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 44 |
| 11 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 55 |
| 12 | 5 | 4 | 4 | 3 | 3 | 5 | 4 | 4 | 5 | 4 | 5 | 46 |
| 13 | 4 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 40 |
| 14 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 33 |
| 15 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 53 |
| 16 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 37 |
| 17 | 3 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 45 |
| 18 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 44 |
| 19 | 5 | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 4 | 5 | 4 | 49 |
| 20 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 39 |
| 21 | 3 | 5 | 5 | 3 | 4 | 4 | 4 | 4 | 3 | 5 | 3 | 43 |
| 22 | 4 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 3 | 4 | 40 |
| 23 | 4 | 3 | 5 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 5 | 39 |
| 24 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 41 |
| 25 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 51 |
| 26 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 40 |
| 27 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 44 |
| 28 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 52 |
| 29 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 41 |
| 30 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 41 |
| 31 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 43 |
| 32 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 3 | 51 |
| 33 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 44 |
| 34 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 55 |
| 35 | 5 | 2 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 52 |
| 36 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 53 |
| 37 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 50 |
| 38 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 45 |
| 39 | 5 | 4 | 4 | 4 | 4 | 5 | 4 | 5 | 5 | 4 | 4 | 48 |
| 40 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 48 |
| 41 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 54 |
| 42 | 4 | 3 | 3 | 5 | 4 | 4 | 5 | 4 | 4 | 4 | 5 | 45 |
| 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 52 |
| 44 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 46 |
| 45 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 3 | 50 |
| 46 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 52 |
| 47 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 51 |
| 48 | 4 | 4 | 5 | 4 | 4 | 5 | 4 | 5 | 5 | 5 | 4 | 49 |
| 49 | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 50 |
| 50 | 5 | 5 | 4 | 4 | 4 | 3 | 5 | 5 | 4 | 4 | 4 | 47 |
| 51 | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 48 |
| 52 | 5 | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 50 |
| 53 | 5 | 3 | 5 | 4 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 48 |
| 54 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 53 |
| 55 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 47 |
| 56 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 49 |
| 57 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 53 |
| 58 | 5 | 5 | 4 | 5 | 3 | 5 | 4 | 5 | 5 | 5 | 4 | 50 |
| 59 | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 4 | 5 | 3 | 5 | 48 |
| 60 | 5 | 4 | 4 | 3 | 4 | 4 | 5 | 5 | 3 | 5 | 5 | 47 |
| 61 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 5 | 5 | 4 | 5 | 49 |
| 62 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 45 |
| 63 | 5 | 5 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 52 |
| 64 | 3 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 4 | 4 | 5 | 48 |
| 65 | 5 | 5 | 5 | 4 | 3 | 4 | 5 | 5 | 5 | 5 | 5 | 51 |
| 66 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 4 | 5 | 4 | 4 | 50 |
| 67 | 5 | 5 | 4 | 4 | 5 | 4 | 5 | 5 | 4 | 5 | 4 | 50 |
| 68 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 46 |

**Lampiran 7 Tabulasi Data X3**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | x3.1 | x3.2 | x3.3 | x3.4 | x3.5 | x3.6 | x3.7 | x3.8 | x3.9 | Total |
| 1 | 4 | 4 | 5 | 4 | 4 | 3 | 3 | 4 | 4 | 35 |
| 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 36 |
| 3 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 5 | 40 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 38 |
| 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 36 |
| 6 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 44 |
| 7 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 38 |
| 8 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 45 |
| 9 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 35 |
| 10 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 4 | 31 |
| 11 | 5 | 5 | 3 | 3 | 3 | 5 | 3 | 4 | 5 | 36 |
| 12 | 5 | 5 | 5 | 4 | 5 | 5 | 4 | 4 | 5 | 42 |
| 13 | 4 | 3 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 33 |
| 14 | 5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 29 |
| 15 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 40 |
| 16 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 30 |
| 17 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 37 |
| 18 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 42 |
| 19 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 5 | 4 | 41 |
| 20 | 5 | 5 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 39 |
| 21 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 39 |
| 22 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 44 |
| 23 | 5 | 5 | 4 | 5 | 4 | 4 | 5 | 5 | 5 | 42 |
| 24 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 34 |
| 25 | 5 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 43 |
| 26 | 4 | 5 | 4 | 3 | 5 | 5 | 5 | 4 | 4 | 39 |
| 27 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 36 |
| 28 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 43 |
| 29 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 42 |
| 30 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 41 |
| 31 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 35 |
| 32 | 3 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 38 |
| 33 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 36 |
| 34 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 45 |
| 35 | 5 | 5 | 5 | 5 | 5 | 3 | 4 | 4 | 5 | 41 |
| 36 | 4 | 4 | 4 | 5 | 4 | 5 | 5 | 5 | 4 | 40 |
| 37 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 42 |
| 38 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 37 |
| 39 | 4 | 4 | 4 | 5 | 5 | 4 | 5 | 5 | 5 | 41 |
| 40 | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 39 |
| 41 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 39 |
| 42 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 37 |
| 43 | 4 | 5 | 4 | 5 | 5 | 3 | 4 | 5 | 4 | 39 |
| 44 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 36 |
| 45 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 43 |
| 46 | 4 | 5 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 41 |
| 47 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 42 |
| 48 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 39 |
| 49 | 3 | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 37 |
| 50 | 5 | 4 | 5 | 5 | 4 | 4 | 5 | 4 | 5 | 41 |
| 51 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 38 |
| 52 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 45 |
| 53 | 5 | 4 | 4 | 5 | 5 | 3 | 4 | 5 | 5 | 40 |
| 54 | 4 | 3 | 5 | 4 | 5 | 4 | 5 | 3 | 4 | 37 |
| 55 | 4 | 4 | 4 | 5 | 4 | 5 | 5 | 5 | 4 | 40 |
| 56 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 39 |
| 57 | 4 | 4 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 41 |
| 58 | 4 | 5 | 4 | 5 | 5 | 4 | 4 | 5 | 4 | 40 |
| 59 | 4 | 4 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 41 |
| 60 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 43 |
| 61 | 3 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 5 | 37 |
| 62 | 4 | 4 | 5 | 4 | 5 | 5 | 4 | 3 | 4 | 38 |
| 63 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 42 |
| 64 | 5 | 5 | 4 | 5 | 3 | 5 | 4 | 5 | 4 | 40 |
| 65 | 4 | 4 | 4 | 3 | 4 | 4 | 5 | 5 | 5 | 38 |
| 66 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 5 | 4 | 41 |
| 67 | 5 | 3 | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 39 |
| 68 | 5 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 3 | 37 |

**Lampiran 8 Validitas Y**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Correlations** | | | | | | | | | | | | | | | |
|  | | Y | Y1 | Y2 | Y3 | Y4 | Y5 | Y6 | Y7 | Y8 | Y9 | Y10 | Y11 | Y12 | TOTAL |
| Y | Pearson Correlation | 1 | .254 | .652\*\* | .572\*\* | .584\*\* | .538\*\* | .609\*\* | .462\* | .418\* | .446\* | .585\*\* | .421\* | .481\*\* | .766\*\* |
| Sig. (2-tailed) |  | .176 | .000 | .001 | .001 | .002 | .000 | .010 | .021 | .014 | .001 | .020 | .007 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Y1 | Pearson Correlation | .254 | 1 | .535\*\* | .518\*\* | .518\*\* | .325 | .241 | .304 | .484\*\* | -.057 | .435\* | .123 | .283 | .507\*\* |
| Sig. (2-tailed) | .176 |  | .002 | .003 | .003 | .080 | .200 | .103 | .007 | .764 | .016 | .518 | .129 | .004 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Y2 | Pearson Correlation | .652\*\* | .535\*\* | 1 | .574\*\* | .615\*\* | .372\* | .533\*\* | .412\* | .530\*\* | .224 | .445\* | .312 | .308 | .693\*\* |
| Sig. (2-tailed) | .000 | .002 |  | .001 | .000 | .043 | .002 | .024 | .003 | .233 | .014 | .093 | .098 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Y3 | Pearson Correlation | .572\*\* | .518\*\* | .574\*\* | 1 | .823\*\* | .414\* | .682\*\* | .531\*\* | .578\*\* | .476\*\* | .548\*\* | .349 | .434\* | .804\*\* |
| Sig. (2-tailed) | .001 | .003 | .001 |  | .000 | .023 | .000 | .003 | .001 | .008 | .002 | .058 | .017 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Y4 | Pearson Correlation | .584\*\* | .518\*\* | .615\*\* | .823\*\* | 1 | .551\*\* | .812\*\* | .620\*\* | .807\*\* | .430\* | .533\*\* | .297 | .236 | .838\*\* |
| Sig. (2-tailed) | .001 | .003 | .000 | .000 |  | .002 | .000 | .000 | .000 | .018 | .002 | .111 | .210 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Y5 | Pearson Correlation | .538\*\* | .325 | .372\* | .414\* | .551\*\* | 1 | .467\*\* | .660\*\* | .566\*\* | .482\*\* | .610\*\* | .348 | .501\*\* | .748\*\* |
| Sig. (2-tailed) | .002 | .080 | .043 | .023 | .002 |  | .009 | .000 | .001 | .007 | .000 | .059 | .005 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Y6 | Pearson Correlation | .609\*\* | .241 | .533\*\* | .682\*\* | .812\*\* | .467\*\* | 1 | .597\*\* | .736\*\* | .365\* | .457\* | .284 | .320 | .774\*\* |
| Sig. (2-tailed) | .000 | .200 | .002 | .000 | .000 | .009 |  | .000 | .000 | .047 | .011 | .128 | .085 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Y7 | Pearson Correlation | .462\* | .304 | .412\* | .531\*\* | .620\*\* | .660\*\* | .597\*\* | 1 | .667\*\* | .337 | .344 | .382\* | .425\* | .738\*\* |
| Sig. (2-tailed) | .010 | .103 | .024 | .003 | .000 | .000 | .000 |  | .000 | .069 | .062 | .037 | .019 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Y8 | Pearson Correlation | .418\* | .484\*\* | .530\*\* | .578\*\* | .807\*\* | .566\*\* | .736\*\* | .667\*\* | 1 | .364\* | .504\*\* | .324 | .299 | .784\*\* |
| Sig. (2-tailed) | .021 | .007 | .003 | .001 | .000 | .001 | .000 | .000 |  | .048 | .005 | .081 | .109 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Y9 | Pearson Correlation | .446\* | -.057 | .224 | .476\*\* | .430\* | .482\*\* | .365\* | .337 | .364\* | 1 | .537\*\* | .290 | .266 | .566\*\* |
| Sig. (2-tailed) | .014 | .764 | .233 | .008 | .018 | .007 | .047 | .069 | .048 |  | .002 | .120 | .155 | .001 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Y10 | Pearson Correlation | .585\*\* | .435\* | .445\* | .548\*\* | .533\*\* | .610\*\* | .457\* | .344 | .504\*\* | .537\*\* | 1 | .569\*\* | .499\*\* | .767\*\* |
| Sig. (2-tailed) | .001 | .016 | .014 | .002 | .002 | .000 | .011 | .062 | .005 | .002 |  | .001 | .005 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Y11 | Pearson Correlation | .421\* | .123 | .312 | .349 | .297 | .348 | .284 | .382\* | .324 | .290 | .569\*\* | 1 | .542\*\* | .591\*\* |
| Sig. (2-tailed) | .020 | .518 | .093 | .058 | .111 | .059 | .128 | .037 | .081 | .120 | .001 |  | .002 | .001 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Y12 | Pearson Correlation | .481\*\* | .283 | .308 | .434\* | .236 | .501\*\* | .320 | .425\* | .299 | .266 | .499\*\* | .542\*\* | 1 | .627\*\* |
| Sig. (2-tailed) | .007 | .129 | .098 | .017 | .210 | .005 | .085 | .019 | .109 | .155 | .005 | .002 |  | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| TOTAL | Pearson Correlation | .766\*\* | .507\*\* | .693\*\* | .804\*\* | .838\*\* | .748\*\* | .774\*\* | .738\*\* | .784\*\* | .566\*\* | .767\*\* | .591\*\* | .627\*\* | 1 |
| Sig. (2-tailed) | .000 | .004 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .001 | .000 | .001 | .000 |  |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| \*\*. Correlation is significant at the 0.01 level (2-tailed). | | | | | | | | | | | | | | | |
| \*. Correlation is significant at the 0.05 level (2-tailed). | | | | | | | | | | | | | | | |

**Lampiran 9 Validitas X1**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Correlations** | | | | | | | | | | | |
|  | | X1.1 | X1.2 | X1.3 | X1.4 | X1.5 | X1.6 | X1.7 | X1.8 | X1.9 | TOTAL |
| X1.1 | Pearson Correlation | 1 | .191 | .233 | .081 | .277 | .148 | -.071 | .123 | .213 | .460\* |
| Sig. (2-tailed) |  | .311 | .215 | .670 | .138 | .436 | .709 | .517 | .258 | .010 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X1.2 | Pearson Correlation | .191 | 1 | .126 | -.009 | .055 | .191 | .261 | .464\*\* | .189 | .541\*\* |
| Sig. (2-tailed) | .311 |  | .508 | .962 | .775 | .311 | .164 | .010 | .317 | .002 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X1.3 | Pearson Correlation | .233 | .126 | 1 | .050 | .110 | -.071 | .186 | .384\* | .095 | .466\*\* |
| Sig. (2-tailed) | .215 | .508 |  | .794 | .563 | .709 | .326 | .036 | .617 | .009 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X1.4 | Pearson Correlation | .081 | -.009 | .050 | 1 | .384\* | .385\* | .050 | -.027 | -.048 | .406\* |
| Sig. (2-tailed) | .670 | .962 | .794 |  | .036 | .035 | .794 | .885 | .803 | .026 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X1.5 | Pearson Correlation | .277 | .055 | .110 | .384\* | 1 | .277 | .247 | .028 | .144 | .546\*\* |
| Sig. (2-tailed) | .138 | .775 | .563 | .036 |  | .138 | .188 | .884 | .447 | .002 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X1.6 | Pearson Correlation | .148 | .191 | -.071 | .385\* | .277 | 1 | .233 | .123 | .213 | .528\*\* |
| Sig. (2-tailed) | .436 | .311 | .709 | .035 | .138 |  | .215 | .517 | .258 | .003 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X1.7 | Pearson Correlation | -.071 | .261 | .186 | .050 | .247 | .233 | 1 | .247 | .381\* | .557\*\* |
| Sig. (2-tailed) | .709 | .164 | .326 | .794 | .188 | .215 |  | .188 | .038 | .001 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X1.8 | Pearson Correlation | .123 | .464\*\* | .384\* | -.027 | .028 | .123 | .247 | 1 | .289 | .577\*\* |
| Sig. (2-tailed) | .517 | .010 | .036 | .885 | .884 | .517 | .188 |  | .122 | .001 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X1.9 | Pearson Correlation | .213 | .189 | .095 | -.048 | .144 | .213 | .381\* | .289 | 1 | .532\*\* |
| Sig. (2-tailed) | .258 | .317 | .617 | .803 | .447 | .258 | .038 | .122 |  | .002 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| TOTAL | Pearson Correlation | .460\* | .541\*\* | .466\*\* | .406\* | .546\*\* | .528\*\* | .557\*\* | .577\*\* | .532\*\* | 1 |
| Sig. (2-tailed) | .010 | .002 | .009 | .026 | .002 | .003 | .001 | .001 | .002 |  |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| \*. Correlation is significant at the 0.05 level (2-tailed). | | | | | | | | | | | |
| \*\*. Correlation is significant at the 0.01 level (2-tailed). | | | | | | | | | | | |

**Lampiran 10 Validitas X2**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Correlations** | | | | | | | | | | | | | |
|  | | X2.1 | X2.2 | X2.3 | X2.4 | X2.5 | X2.6 | X2.7 | X2.8 | X2.9 | X2.10 | X2.11 | TOTAL |
| X2.1 | Pearson Correlation | 1 | .521\*\* | .473\*\* | .246 | .269 | .418\* | .166 | .460\* | .509\*\* | .504\*\* | .491\*\* | .642\*\* |
| Sig. (2-tailed) |  | .003 | .008 | .191 | .151 | .022 | .381 | .011 | .004 | .004 | .006 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X2.2 | Pearson Correlation | .521\*\* | 1 | .706\*\* | .351 | .398\* | .331 | .182 | .364\* | .257 | .575\*\* | .307 | .661\*\* |
| Sig. (2-tailed) | .003 |  | .000 | .057 | .030 | .074 | .337 | .048 | .170 | .001 | .098 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X2.3 | Pearson Correlation | .473\*\* | .706\*\* | 1 | .313 | .382\* | .378\* | .409\* | .345 | .194 | .564\*\* | .337 | .676\*\* |
| Sig. (2-tailed) | .008 | .000 |  | .092 | .037 | .039 | .025 | .062 | .305 | .001 | .069 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X2.4 | Pearson Correlation | .246 | .351 | .313 | 1 | .769\*\* | .508\*\* | .468\*\* | .636\*\* | .376\* | .506\*\* | .554\*\* | .732\*\* |
| Sig. (2-tailed) | .191 | .057 | .092 |  | .000 | .004 | .009 | .000 | .041 | .004 | .001 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X2.5 | Pearson Correlation | .269 | .398\* | .382\* | .769\*\* | 1 | .517\*\* | .613\*\* | .650\*\* | .306 | .652\*\* | .323 | .752\*\* |
| Sig. (2-tailed) | .151 | .030 | .037 | .000 |  | .003 | .000 | .000 | .100 | .000 | .082 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X2.6 | Pearson Correlation | .418\* | .331 | .378\* | .508\*\* | .517\*\* | 1 | .681\*\* | .813\*\* | .686\*\* | .585\*\* | .295 | .767\*\* |
| Sig. (2-tailed) | .022 | .074 | .039 | .004 | .003 |  | .000 | .000 | .000 | .001 | .113 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X2.7 | Pearson Correlation | .166 | .182 | .409\* | .468\*\* | .613\*\* | .681\*\* | 1 | .661\*\* | .550\*\* | .540\*\* | .272 | .690\*\* |
| Sig. (2-tailed) | .381 | .337 | .025 | .009 | .000 | .000 |  | .000 | .002 | .002 | .145 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X2.8 | Pearson Correlation | .460\* | .364\* | .345 | .636\*\* | .650\*\* | .813\*\* | .661\*\* | 1 | .656\*\* | .729\*\* | .409\* | .834\*\* |
| Sig. (2-tailed) | .011 | .048 | .062 | .000 | .000 | .000 | .000 |  | .000 | .000 | .025 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X2.9 | Pearson Correlation | .509\*\* | .257 | .194 | .376\* | .306 | .686\*\* | .550\*\* | .656\*\* | 1 | .454\* | .466\*\* | .665\*\* |
| Sig. (2-tailed) | .004 | .170 | .305 | .041 | .100 | .000 | .002 | .000 |  | .012 | .009 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X2.10 | Pearson Correlation | .504\*\* | .575\*\* | .564\*\* | .506\*\* | .652\*\* | .585\*\* | .540\*\* | .729\*\* | .454\* | 1 | .398\* | .829\*\* |
| Sig. (2-tailed) | .004 | .001 | .001 | .004 | .000 | .001 | .002 | .000 | .012 |  | .029 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X2.11 | Pearson Correlation | .491\*\* | .307 | .337 | .554\*\* | .323 | .295 | .272 | .409\* | .466\*\* | .398\* | 1 | .619\*\* |
| Sig. (2-tailed) | .006 | .098 | .069 | .001 | .082 | .113 | .145 | .025 | .009 | .029 |  | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| TOTAL | Pearson Correlation | .642\*\* | .661\*\* | .676\*\* | .732\*\* | .752\*\* | .767\*\* | .690\*\* | .834\*\* | .665\*\* | .829\*\* | .619\*\* | 1 |
| Sig. (2-tailed) | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |  |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| \*\*. Correlation is significant at the 0.01 level (2-tailed). | | | | | | | | | | | | | |
| \*. Correlation is significant at the 0.05 level (2-tailed). | | | | | | | | | | | | | |

**Lampiran 11 Validitas X3**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Correlations** | | | | | | | | | | | |
|  | | X3.1 | X3.2 | X3.3 | X3.4 | X3.5 | X3.6 | X3.7 | X3.8 | X3.9 | TOTAL |
| X3.1 | Pearson Correlation | 1 | .419\* | .011 | .176 | .072 | .374\* | .168 | .271 | .308 | .411\* |
| Sig. (2-tailed) |  | .021 | .952 | .353 | .704 | .042 | .375 | .148 | .097 | .024 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X3.2 | Pearson Correlation | .419\* | 1 | .203 | .155 | .296 | .473\*\* | .291 | .428\* | .435\* | .581\*\* |
| Sig. (2-tailed) | .021 |  | .281 | .413 | .112 | .008 | .118 | .018 | .016 | .001 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X3.3 | Pearson Correlation | .011 | .203 | 1 | .708\*\* | .708\*\* | .332 | .349 | .416\* | .410\* | .636\*\* |
| Sig. (2-tailed) | .952 | .281 |  | .000 | .000 | .073 | .059 | .022 | .025 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X3.4 | Pearson Correlation | .176 | .155 | .708\*\* | 1 | .685\*\* | .424\* | .593\*\* | .668\*\* | .654\*\* | .780\*\* |
| Sig. (2-tailed) | .353 | .413 | .000 |  | .000 | .020 | .001 | .000 | .000 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X3.5 | Pearson Correlation | .072 | .296 | .708\*\* | .685\*\* | 1 | .563\*\* | .593\*\* | .505\*\* | .570\*\* | .780\*\* |
| Sig. (2-tailed) | .704 | .112 | .000 | .000 |  | .001 | .001 | .004 | .001 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X3.6 | Pearson Correlation | .374\* | .473\*\* | .332 | .424\* | .563\*\* | 1 | .708\*\* | .546\*\* | .696\*\* | .806\*\* |
| Sig. (2-tailed) | .042 | .008 | .073 | .020 | .001 |  | .000 | .002 | .000 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X3.7 | Pearson Correlation | .168 | .291 | .349 | .593\*\* | .593\*\* | .708\*\* | 1 | .698\*\* | .595\*\* | .792\*\* |
| Sig. (2-tailed) | .375 | .118 | .059 | .001 | .001 | .000 |  | .000 | .001 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X3.8 | Pearson Correlation | .271 | .428\* | .416\* | .668\*\* | .505\*\* | .546\*\* | .698\*\* | 1 | .677\*\* | .811\*\* |
| Sig. (2-tailed) | .148 | .018 | .022 | .000 | .004 | .002 | .000 |  | .000 | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| X3.9 | Pearson Correlation | .308 | .435\* | .410\* | .654\*\* | .570\*\* | .696\*\* | .595\*\* | .677\*\* | 1 | .830\*\* |
| Sig. (2-tailed) | .097 | .016 | .025 | .000 | .001 | .000 | .001 | .000 |  | .000 |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| TOTAL | Pearson Correlation | .411\* | .581\*\* | .636\*\* | .780\*\* | .780\*\* | .806\*\* | .792\*\* | .811\*\* | .830\*\* | 1 |
| Sig. (2-tailed) | .024 | .001 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |  |
| N | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| \*. Correlation is significant at the 0.05 level (2-tailed). | | | | | | | | | | | |
| \*\*. Correlation is significant at the 0.01 level (2-tailed). | | | | | | | | | | | |

**Lampiran 12 Reliabilitas Y**

|  |  |
| --- | --- |
| **Reliability Statistics** | |
| Cronbach's Alpha | N of Items |
| .916 | 13 |

**Lampiran 13 Reliabilitas X1**

|  |  |
| --- | --- |
| **Reliability Statistics** | |
| Cronbach's Alpha | N of Items |
| .649 | 9 |

**Lampiran 14 Reliabilitas X2**

|  |  |
| --- | --- |
| **Reliability Statistics** | |
| Cronbach's Alpha | N of Items |
| .900 | 11 |

**Lampiran 15 Reliabilitas X3**

|  |  |
| --- | --- |
| **Reliability Statistics** | |
| Cronbach's Alpha | N of Items |
| .882 | 9 |

**Lampiran 16 Transformasi Data Y**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Succesive Interval** | | | | | | | | | | | | | Total |
| **Y.1** | **Y.2** | **Y.3** | **Y.4** | **Y.5** | **Y.6** | **Y.7** | **Y.8** | **Y.9** | **Y.10** | **Y.11** | **Y.12** | **Y.13** |
| 2.309 | 1.000 | 3.372 | 3.349 | 3.655 | 4.328 | 2.265 | 3.506 | 3.548 | 1.000 | 4.735 | 2.187 | 3.532 | 38.786 |
| 3.686 | 2.547 | 3.372 | 3.349 | 2.323 | 4.328 | 3.565 | 2.227 | 3.548 | 2.406 | 4.735 | 3.436 | 4.768 | 44.292 |
| 3.686 | 2.547 | 3.372 | 4.703 | 3.655 | 4.328 | 3.565 | 3.506 | 3.548 | 3.813 | 4.735 | 3.436 | 4.768 | 49.664 |
| 3.686 | 4.060 | 4.672 | 3.349 | 2.323 | 4.328 | 2.265 | 2.227 | 2.265 | 2.406 | 4.735 | 2.187 | 4.768 | 43.273 |
| 2.309 | 2.547 | 3.372 | 3.349 | 2.323 | 3.160 | 2.265 | 2.227 | 2.265 | 2.406 | 3.432 | 1.000 | 3.532 | 34.187 |
| 3.686 | 2.547 | 3.372 | 4.703 | 2.323 | 4.328 | 2.265 | 2.227 | 1.000 | 3.813 | 4.735 | 2.187 | 4.768 | 41.956 |
| 3.686 | 4.060 | 4.672 | 3.349 | 2.323 | 4.328 | 2.265 | 2.227 | 2.265 | 1.000 | 4.735 | 3.436 | 4.768 | 43.116 |
| 3.686 | 2.547 | 4.672 | 3.349 | 3.655 | 4.328 | 3.565 | 2.227 | 3.548 | 3.813 | 4.735 | 3.436 | 4.768 | 48.330 |
| 3.686 | 2.547 | 4.672 | 3.349 | 2.323 | 3.160 | 3.565 | 3.506 | 2.265 | 2.406 | 3.432 | 2.187 | 4.768 | 41.868 |
| 3.686 | 4.060 | 4.672 | 4.703 | 3.655 | 4.328 | 3.565 | 3.506 | 2.265 | 2.406 | 4.735 | 3.436 | 4.768 | 49.787 |
| 3.686 | 2.547 | 4.672 | 3.349 | 3.655 | 4.328 | 3.565 | 3.506 | 3.548 | 3.813 | 4.735 | 3.436 | 1.000 | 45.841 |
| 3.686 | 2.547 | 4.672 | 4.703 | 3.655 | 3.160 | 3.565 | 2.227 | 2.265 | 2.406 | 3.432 | 3.436 | 4.768 | 44.523 |
| 2.309 | 2.547 | 3.372 | 3.349 | 2.323 | 3.160 | 2.265 | 2.227 | 2.265 | 2.406 | 2.236 | 1.000 | 2.371 | 31.831 |
| 1.000 | 1.000 | 2.199 | 2.118 | 1.000 | 2.169 | 2.265 | 1.000 | 1.000 | 1.000 | 2.236 | 1.000 | 2.371 | 20.359 |
| 2.309 | 4.060 | 4.672 | 4.703 | 3.655 | 4.328 | 2.265 | 3.506 | 3.548 | 3.813 | 3.432 | 1.000 | 3.532 | 44.823 |
| 1.000 | 1.000 | 2.199 | 2.118 | 1.000 | 2.169 | 1.000 | 1.000 | 1.000 | 2.406 | 3.432 | 2.187 | 2.371 | 22.883 |
| 3.686 | 2.547 | 3.372 | 3.349 | 3.655 | 4.328 | 3.565 | 3.506 | 2.265 | 1.000 | 2.236 | 1.000 | 2.371 | 36.881 |
| 2.309 | 2.547 | 3.372 | 3.349 | 2.323 | 4.328 | 3.565 | 3.506 | 2.265 | 2.406 | 3.432 | 2.187 | 3.532 | 39.121 |
| 2.309 | 2.547 | 3.372 | 3.349 | 2.323 | 3.160 | 1.000 | 1.000 | 1.000 | 2.406 | 3.432 | 3.436 | 2.371 | 31.706 |
| 2.309 | 2.547 | 3.372 | 3.349 | 2.323 | 3.160 | 2.265 | 2.227 | 2.265 | 2.406 | 3.432 | 1.000 | 2.371 | 33.026 |
| 1.000 | 1.000 | 2.199 | 2.118 | 1.000 | 2.169 | 1.000 | 1.000 | 1.000 | 1.000 | 2.236 | 1.000 | 2.371 | 19.094 |
| 1.000 | 1.000 | 2.199 | 2.118 | 1.000 | 2.169 | 1.000 | 1.000 | 1.000 | 1.000 | 2.236 | 1.000 | 2.371 | 19.094 |
| 3.686 | 2.547 | 4.672 | 2.118 | 1.000 | 2.169 | 1.000 | 1.000 | 1.000 | 1.000 | 2.236 | 1.000 | 2.371 | 25.801 |
| 2.309 | 2.547 | 3.372 | 3.349 | 2.323 | 3.160 | 2.265 | 2.227 | 2.265 | 2.406 | 3.432 | 3.436 | 3.532 | 36.623 |
| 3.686 | 4.060 | 3.372 | 4.703 | 3.655 | 3.160 | 3.565 | 3.506 | 3.548 | 2.406 | 3.432 | 3.436 | 4.768 | 47.299 |
| 2.309 | 2.547 | 2.199 | 2.118 | 1.000 | 4.328 | 1.000 | 1.000 | 1.000 | 2.406 | 3.432 | 1.000 | 3.532 | 27.872 |
| 2.309 | 2.547 | 3.372 | 3.349 | 2.323 | 3.160 | 2.265 | 2.227 | 2.265 | 2.406 | 3.432 | 2.187 | 3.532 | 35.374 |
| 1.000 | 2.547 | 3.372 | 2.118 | 1.000 | 4.328 | 1.000 | 3.506 | 2.265 | 1.000 | 2.236 | 3.436 | 4.768 | 32.578 |
| 2.309 | 2.547 | 3.372 | 3.349 | 1.000 | 2.169 | 1.000 | 2.227 | 1.000 | 1.000 | 3.432 | 3.436 | 3.532 | 30.372 |
| 3.686 | 1.000 | 2.199 | 2.118 | 1.000 | 4.328 | 1.000 | 3.506 | 1.000 | 3.813 | 3.432 | 3.436 | 4.768 | 35.287 |
| 2.309 | 2.547 | 3.372 | 3.349 | 2.323 | 3.160 | 2.265 | 3.506 | 1.000 | 2.406 | 3.432 | 2.187 | 3.532 | 35.388 |
| 2.309 | 2.547 | 3.372 | 3.349 | 1.000 | 2.169 | 2.265 | 2.227 | 1.000 | 2.406 | 3.432 | 1.000 | 3.532 | 30.607 |
| 2.309 | 2.547 | 2.199 | 3.349 | 2.323 | 3.160 | 1.000 | 2.227 | 2.265 | 2.406 | 3.432 | 1.000 | 3.532 | 31.749 |
| 3.686 | 2.547 | 3.372 | 3.349 | 2.323 | 3.160 | 2.265 | 2.227 | 3.548 | 2.406 | 3.432 | 2.187 | 3.532 | 38.034 |
| 2.309 | 2.547 | 3.372 | 3.349 | 1.000 | 2.169 | 2.265 | 2.227 | 3.548 | 1.000 | 3.432 | 2.187 | 2.371 | 31.776 |
| 2.309 | 2.547 | 3.372 | 4.703 | 2.323 | 3.160 | 3.565 | 2.227 | 3.548 | 2.406 | 4.735 | 3.436 | 2.371 | 40.703 |
| 2.309 | 4.060 | 3.372 | 4.703 | 2.323 | 3.160 | 3.565 | 2.227 | 3.548 | 2.406 | 1.000 | 3.436 | 2.371 | 38.481 |
| 2.309 | 2.547 | 2.199 | 3.349 | 2.323 | 3.160 | 1.000 | 3.506 | 2.265 | 1.000 | 3.432 | 2.187 | 3.532 | 32.809 |
| 3.686 | 2.547 | 4.672 | 3.349 | 2.323 | 2.169 | 2.265 | 2.227 | 3.548 | 2.406 | 3.432 | 2.187 | 3.532 | 38.343 |
| 2.309 | 2.547 | 2.199 | 2.118 | 2.323 | 3.160 | 2.265 | 2.227 | 3.548 | 2.406 | 3.432 | 2.187 | 3.532 | 34.253 |
| 2.309 | 4.060 | 3.372 | 3.349 | 2.323 | 3.160 | 3.565 | 1.000 | 2.265 | 2.406 | 3.432 | 3.436 | 2.371 | 37.049 |
| 2.309 | 2.547 | 4.672 | 3.349 | 2.323 | 4.328 | 2.265 | 1.000 | 1.000 | 1.000 | 2.236 | 2.187 | 2.371 | 31.588 |
| 1.000 | 2.547 | 3.372 | 4.703 | 2.323 | 3.160 | 2.265 | 2.227 | 2.265 | 2.406 | 4.735 | 2.187 | 3.532 | 36.723 |
| 3.686 | 4.060 | 4.672 | 3.349 | 3.655 | 2.169 | 2.265 | 2.227 | 2.265 | 2.406 | 3.432 | 3.436 | 3.532 | 41.154 |
| 2.309 | 2.547 | 4.672 | 3.349 | 2.323 | 1.000 | 2.265 | 3.506 | 2.265 | 2.406 | 3.432 | 2.187 | 2.371 | 34.633 |
| 3.686 | 2.547 | 3.372 | 3.349 | 2.323 | 2.169 | 1.000 | 2.227 | 3.548 | 2.406 | 3.432 | 2.187 | 3.532 | 35.778 |
| 2.309 | 1.000 | 2.199 | 3.349 | 2.323 | 3.160 | 1.000 | 2.227 | 1.000 | 2.406 | 4.735 | 1.000 | 3.532 | 30.240 |
| 1.000 | 2.547 | 3.372 | 4.703 | 2.323 | 3.160 | 2.265 | 1.000 | 1.000 | 1.000 | 3.432 | 2.187 | 3.532 | 31.522 |
| 2.309 | 2.547 | 4.672 | 3.349 | 2.323 | 2.169 | 3.565 | 2.227 | 2.265 | 2.406 | 2.236 | 3.436 | 4.768 | 38.273 |
| 2.309 | 2.547 | 1.000 | 1.000 | 2.323 | 2.169 | 2.265 | 3.506 | 2.265 | 2.406 | 3.432 | 2.187 | 2.371 | 29.780 |
| 3.686 | 4.060 | 3.372 | 4.703 | 3.655 | 3.160 | 3.565 | 3.506 | 2.265 | 2.406 | 4.735 | 3.436 | 4.768 | 47.319 |
| 3.686 | 2.547 | 3.372 | 3.349 | 2.323 | 4.328 | 2.265 | 1.000 | 2.265 | 2.406 | 4.735 | 2.187 | 4.768 | 39.233 |
| 2.309 | 2.547 | 4.672 | 3.349 | 3.655 | 3.160 | 3.565 | 3.506 | 3.548 | 2.406 | 3.432 | 3.436 | 3.532 | 43.117 |
| 2.309 | 2.547 | 4.672 | 3.349 | 2.323 | 4.328 | 2.265 | 3.506 | 3.548 | 3.813 | 4.735 | 2.187 | 3.532 | 43.114 |
| 2.309 | 2.547 | 3.372 | 3.349 | 2.323 | 1.000 | 2.265 | 1.000 | 2.265 | 1.000 | 3.432 | 1.000 | 2.371 | 28.233 |
| 3.686 | 2.547 | 2.199 | 3.349 | 1.000 | 2.169 | 2.265 | 2.227 | 2.265 | 2.406 | 2.236 | 2.187 | 3.532 | 32.069 |
| 3.686 | 1.000 | 3.372 | 2.118 | 1.000 | 2.169 | 3.565 | 3.506 | 2.265 | 3.813 | 2.236 | 3.436 | 3.532 | 35.699 |
| 3.686 | 4.060 | 4.672 | 4.703 | 3.655 | 4.328 | 2.265 | 2.227 | 2.265 | 3.813 | 3.432 | 2.187 | 3.532 | 44.825 |
| 2.309 | 2.547 | 2.199 | 4.703 | 3.655 | 4.328 | 2.265 | 1.000 | 2.265 | 1.000 | 4.735 | 2.187 | 4.768 | 37.962 |
| 3.686 | 2.547 | 4.672 | 4.703 | 1.000 | 4.328 | 2.265 | 3.506 | 2.265 | 2.406 | 3.432 | 2.187 | 3.532 | 40.530 |
| 2.309 | 2.547 | 3.372 | 4.703 | 3.655 | 3.160 | 2.265 | 2.227 | 2.265 | 2.406 | 3.432 | 2.187 | 3.532 | 38.060 |
| 3.686 | 2.547 | 3.372 | 4.703 | 2.323 | 2.169 | 3.565 | 3.506 | 3.548 | 2.406 | 2.236 | 2.187 | 3.532 | 39.782 |
| 2.309 | 2.547 | 3.372 | 4.703 | 3.655 | 4.328 | 2.265 | 2.227 | 2.265 | 2.406 | 4.735 | 2.187 | 3.532 | 40.531 |
| 3.686 | 4.060 | 4.672 | 4.703 | 3.655 | 4.328 | 3.565 | 3.506 | 2.265 | 2.406 | 3.432 | 3.436 | 4.768 | 48.484 |
| 3.686 | 4.060 | 3.372 | 3.349 | 2.323 | 3.160 | 3.565 | 2.227 | 3.548 | 2.406 | 3.432 | 3.436 | 3.532 | 42.097 |
| 3.686 | 4.060 | 4.672 | 4.703 | 2.323 | 3.160 | 3.565 | 2.227 | 2.265 | 3.813 | 2.236 | 3.436 | 3.532 | 43.679 |
| 2.309 | 2.547 | 3.372 | 3.349 | 2.323 | 3.160 | 2.265 | 2.227 | 2.265 | 3.813 | 4.735 | 2.187 | 3.532 | 38.084 |
| 2.309 | 4.060 | 4.672 | 4.703 | 2.323 | 4.328 | 2.265 | 3.506 | 3.548 | 3.813 | 4.735 | 2.187 | 4.768 | 47.218 |

**Lampiran 17 Transformasi Data X1**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Succesive Interval** | | | | | | | | | Total |
| **X1.1** | **x1.2** | **X1.3** | **X1.4** | **X1.5** | **X1.6** | **X1.7** | **X1.8** | **X1.9** |
| 3.768 | 3.694 | 2.931 | 4.050 | 2.400 | 2.457 | 2.741 | 2.601 | 3.821 | 28.462 |
| 3.768 | 2.288 | 4.306 | 4.050 | 3.866 | 3.959 | 4.283 | 1.000 | 3.821 | 31.342 |
| 3.768 | 2.288 | 4.306 | 4.050 | 3.866 | 3.959 | 2.741 | 2.601 | 3.821 | 31.400 |
| 3.768 | 2.288 | 2.931 | 4.050 | 3.866 | 3.959 | 2.741 | 1.000 | 3.821 | 28.424 |
| 3.768 | 3.694 | 4.306 | 4.050 | 3.866 | 3.959 | 4.283 | 2.601 | 3.821 | 34.349 |
| 3.768 | 2.288 | 2.931 | 2.548 | 3.866 | 3.959 | 4.283 | 2.601 | 3.821 | 30.065 |
| 3.768 | 3.694 | 4.306 | 4.050 | 3.866 | 3.959 | 4.283 | 2.601 | 3.821 | 34.349 |
| 3.768 | 2.288 | 2.931 | 4.050 | 3.866 | 3.959 | 2.741 | 1.000 | 2.356 | 26.959 |
| 3.768 | 2.288 | 4.306 | 2.548 | 3.866 | 2.457 | 4.283 | 2.601 | 3.821 | 29.938 |
| 3.768 | 3.694 | 4.306 | 2.548 | 3.866 | 2.457 | 2.741 | 2.601 | 2.356 | 28.336 |
| 3.768 | 3.694 | 2.931 | 4.050 | 3.866 | 3.959 | 4.283 | 2.601 | 2.356 | 31.508 |
| 2.334 | 2.288 | 4.306 | 4.050 | 2.400 | 3.959 | 4.283 | 2.601 | 2.356 | 28.578 |
| 3.768 | 3.694 | 2.931 | 2.548 | 2.400 | 3.959 | 2.741 | 1.000 | 2.356 | 25.397 |
| 3.768 | 2.288 | 4.306 | 2.548 | 2.400 | 3.959 | 2.741 | 2.601 | 3.821 | 28.432 |
| 3.768 | 3.694 | 4.306 | 4.050 | 3.866 | 3.959 | 4.283 | 2.601 | 3.821 | 34.349 |
| 2.334 | 2.288 | 2.931 | 4.050 | 2.400 | 3.959 | 4.283 | 1.000 | 3.821 | 27.066 |
| 2.334 | 3.694 | 2.931 | 2.548 | 2.400 | 3.959 | 2.741 | 2.601 | 3.821 | 27.029 |
| 3.768 | 3.694 | 4.306 | 2.548 | 3.866 | 3.959 | 4.283 | 1.000 | 3.821 | 31.246 |
| 2.334 | 3.694 | 4.306 | 2.548 | 2.400 | 2.457 | 4.283 | 2.601 | 3.821 | 28.444 |
| 3.768 | 3.694 | 2.931 | 4.050 | 3.866 | 3.959 | 4.283 | 1.000 | 3.821 | 31.373 |
| 3.768 | 3.694 | 4.306 | 4.050 | 3.866 | 3.959 | 4.283 | 2.601 | 3.821 | 34.349 |
| 3.768 | 3.694 | 4.306 | 4.050 | 3.866 | 3.959 | 4.283 | 2.601 | 3.821 | 34.349 |
| 3.768 | 2.288 | 2.931 | 2.548 | 2.400 | 2.457 | 2.741 | 1.000 | 3.821 | 23.953 |
| 2.334 | 2.288 | 2.931 | 2.548 | 2.400 | 2.457 | 4.283 | 1.000 | 2.356 | 22.596 |
| 3.768 | 3.694 | 4.306 | 4.050 | 2.400 | 3.959 | 2.741 | 2.601 | 2.356 | 29.876 |
| 2.334 | 2.288 | 4.306 | 4.050 | 3.866 | 2.457 | 2.741 | 1.000 | 2.356 | 25.397 |
| 2.334 | 2.288 | 2.931 | 4.050 | 3.866 | 3.959 | 2.741 | 1.000 | 2.356 | 25.525 |
| 3.768 | 2.288 | 4.306 | 2.548 | 2.400 | 2.457 | 2.741 | 1.000 | 2.356 | 23.864 |
| 3.768 | 3.694 | 4.306 | 2.548 | 2.400 | 3.959 | 4.283 | 2.601 | 3.821 | 31.381 |
| 2.334 | 3.694 | 2.931 | 2.548 | 3.866 | 3.959 | 4.283 | 2.601 | 3.821 | 30.037 |
| 2.334 | 1.000 | 4.306 | 4.050 | 3.866 | 2.457 | 2.741 | 2.601 | 2.356 | 25.710 |
| 3.768 | 2.288 | 4.306 | 2.548 | 2.400 | 3.959 | 2.741 | 2.601 | 2.356 | 26.967 |
| 2.334 | 3.694 | 2.931 | 2.548 | 3.866 | 2.457 | 4.283 | 1.000 | 1.000 | 24.113 |
| 2.334 | 2.288 | 2.931 | 2.548 | 2.400 | 2.457 | 2.741 | 2.601 | 2.356 | 22.654 |
| 2.334 | 3.694 | 2.931 | 2.548 | 2.400 | 3.959 | 4.283 | 1.000 | 2.356 | 25.506 |
| 3.768 | 2.288 | 1.862 | 2.548 | 1.000 | 3.959 | 4.283 | 1.000 | 2.356 | 23.064 |
| 2.334 | 3.694 | 2.931 | 4.050 | 2.400 | 3.959 | 4.283 | 2.601 | 2.356 | 28.608 |
| 2.334 | 2.288 | 4.306 | 4.050 | 3.866 | 2.457 | 2.741 | 1.000 | 3.821 | 26.862 |
| 1.000 | 2.288 | 2.931 | 2.548 | 2.400 | 3.959 | 4.283 | 1.000 | 3.821 | 24.230 |
| 3.768 | 2.288 | 2.931 | 4.050 | 3.866 | 1.000 | 2.741 | 2.601 | 2.356 | 25.600 |
| 2.334 | 3.694 | 4.306 | 4.050 | 2.400 | 2.457 | 2.741 | 1.000 | 3.821 | 26.803 |
| 2.334 | 1.000 | 2.931 | 2.548 | 2.400 | 2.457 | 2.741 | 1.000 | 2.356 | 19.766 |
| 2.334 | 3.694 | 2.931 | 4.050 | 2.400 | 2.457 | 2.741 | 1.000 | 2.356 | 23.962 |
| 1.000 | 3.694 | 4.306 | 4.050 | 3.866 | 3.959 | 4.283 | 1.000 | 3.821 | 29.980 |
| 3.768 | 2.288 | 2.931 | 2.548 | 3.866 | 2.457 | 2.741 | 1.000 | 1.000 | 22.598 |
| 2.334 | 1.000 | 4.306 | 4.050 | 2.400 | 3.959 | 2.741 | 2.601 | 2.356 | 25.747 |
| 2.334 | 2.288 | 2.931 | 4.050 | 3.866 | 3.959 | 4.283 | 1.000 | 3.821 | 28.532 |
| 2.334 | 2.288 | 1.862 | 2.548 | 2.400 | 2.457 | 4.283 | 2.601 | 2.356 | 23.128 |
| 2.334 | 3.694 | 4.306 | 2.548 | 2.400 | 2.457 | 2.741 | 1.000 | 3.821 | 25.301 |
| 3.768 | 2.288 | 4.306 | 2.548 | 3.866 | 2.457 | 2.741 | 2.601 | 3.821 | 28.395 |
| 2.334 | 2.288 | 4.306 | 4.050 | 3.866 | 3.959 | 4.283 | 2.601 | 3.821 | 31.508 |
| 2.334 | 3.694 | 1.862 | 2.548 | 3.866 | 3.959 | 4.283 | 1.000 | 3.821 | 27.367 |
| 3.768 | 3.694 | 4.306 | 2.548 | 2.400 | 2.457 | 1.000 | 2.601 | 2.356 | 25.130 |
| 3.768 | 3.694 | 4.306 | 1.000 | 3.866 | 2.457 | 4.283 | 2.601 | 3.821 | 29.796 |
| 2.334 | 3.694 | 2.931 | 2.548 | 3.866 | 2.457 | 4.283 | 1.000 | 1.000 | 24.113 |
| 3.768 | 2.288 | 1.862 | 4.050 | 2.400 | 3.959 | 2.741 | 2.601 | 3.821 | 27.490 |
| 2.334 | 3.694 | 1.862 | 1.000 | 1.000 | 2.457 | 2.741 | 1.000 | 2.356 | 18.443 |
| 2.334 | 2.288 | 4.306 | 2.548 | 2.400 | 3.959 | 4.283 | 2.601 | 3.821 | 28.540 |
| 2.334 | 2.288 | 4.306 | 2.548 | 3.866 | 2.457 | 2.741 | 1.000 | 3.821 | 25.360 |
| 1.000 | 3.694 | 2.931 | 2.548 | 3.866 | 1.000 | 4.283 | 1.000 | 2.356 | 22.678 |
| 3.768 | 1.000 | 4.306 | 4.050 | 2.400 | 2.457 | 2.741 | 2.601 | 2.356 | 25.679 |
| 3.768 | 2.288 | 2.931 | 4.050 | 2.400 | 3.959 | 4.283 | 2.601 | 3.821 | 30.101 |
| 1.000 | 3.694 | 4.306 | 4.050 | 3.866 | 3.959 | 4.283 | 2.601 | 3.821 | 31.581 |
| 2.334 | 3.694 | 1.000 | 4.050 | 3.866 | 3.959 | 4.283 | 2.601 | 2.356 | 28.143 |
| 3.768 | 3.694 | 4.306 | 4.050 | 3.866 | 3.959 | 4.283 | 2.601 | 3.821 | 34.349 |
| 3.768 | 3.694 | 4.306 | 4.050 | 3.866 | 3.959 | 4.283 | 2.601 | 3.821 | 34.349 |
| 2.334 | 1.000 | 2.931 | 4.050 | 1.000 | 2.457 | 2.741 | 2.601 | 3.821 | 22.934 |
| 3.768 | 3.694 | 4.306 | 2.548 | 2.400 | 2.457 | 2.741 | 1.000 | 2.356 | 25.270 |

**Lampiran 18 Transformasi Data X2**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Succesive Interval** | | | | | | | | | | | Total |
| **x2.1** | **x2.2** | **x2.3** | **x2.4** | **x2.5** | **x2.6** | **x2.7** | **x2.8** | **x2.9** | **x2.10** | **x2.11** |
| 1.000 | 2.107 | 2.075 | 1.000 | 1.000 | 2.431 | 3.791 | 2.529 | 3.867 | 1.000 | 1.000 | 21.800 |
| 2.106 | 3.178 | 3.113 | 2.235 | 2.243 | 2.431 | 2.370 | 2.529 | 2.431 | 2.348 | 2.313 | 27.297 |
| 1.000 | 2.107 | 4.401 | 2.235 | 2.243 | 3.867 | 3.791 | 2.529 | 2.431 | 2.348 | 1.000 | 27.953 |
| 2.106 | 2.107 | 3.113 | 2.235 | 3.562 | 2.431 | 2.370 | 2.529 | 2.431 | 2.348 | 1.000 | 26.234 |
| 2.106 | 4.416 | 4.401 | 3.540 | 3.562 | 2.431 | 3.791 | 2.529 | 2.431 | 2.348 | 2.313 | 33.869 |
| 3.386 | 3.178 | 4.401 | 1.000 | 2.243 | 3.867 | 3.791 | 4.009 | 3.867 | 3.739 | 2.313 | 35.794 |
| 2.106 | 2.107 | 2.075 | 1.000 | 1.000 | 2.431 | 2.370 | 2.529 | 2.431 | 2.348 | 1.000 | 21.398 |
| 3.386 | 4.416 | 4.401 | 3.540 | 3.562 | 3.867 | 3.791 | 4.009 | 3.867 | 3.739 | 3.671 | 42.250 |
| 2.106 | 2.107 | 3.113 | 3.540 | 3.562 | 2.431 | 3.791 | 4.009 | 2.431 | 3.739 | 3.671 | 34.500 |
| 2.106 | 3.178 | 3.113 | 2.235 | 2.243 | 2.431 | 2.370 | 2.529 | 2.431 | 2.348 | 2.313 | 27.297 |
| 3.386 | 4.416 | 4.401 | 3.540 | 3.562 | 3.867 | 3.791 | 4.009 | 3.867 | 3.739 | 3.671 | 42.250 |
| 3.386 | 3.178 | 3.113 | 1.000 | 1.000 | 3.867 | 2.370 | 2.529 | 3.867 | 2.348 | 3.671 | 30.330 |
| 2.106 | 1.000 | 1.000 | 2.235 | 2.243 | 2.431 | 2.370 | 2.529 | 2.431 | 2.348 | 2.313 | 23.007 |
| 1.000 | 2.107 | 2.075 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 13.182 |
| 2.106 | 3.178 | 4.401 | 3.540 | 3.562 | 3.867 | 3.791 | 4.009 | 3.867 | 3.739 | 3.671 | 39.731 |
| 1.000 | 2.107 | 2.075 | 1.000 | 2.243 | 2.431 | 2.370 | 2.529 | 1.000 | 1.000 | 1.000 | 18.756 |
| 1.000 | 3.178 | 3.113 | 3.540 | 2.243 | 2.431 | 2.370 | 2.529 | 2.431 | 2.348 | 3.671 | 28.854 |
| 2.106 | 3.178 | 3.113 | 2.235 | 2.243 | 2.431 | 2.370 | 2.529 | 2.431 | 2.348 | 2.313 | 27.297 |
| 3.386 | 4.416 | 4.401 | 2.235 | 3.562 | 2.431 | 2.370 | 2.529 | 2.431 | 3.739 | 2.313 | 33.815 |
| 2.106 | 3.178 | 3.113 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 2.431 | 2.348 | 2.313 | 20.489 |
| 1.000 | 4.416 | 4.401 | 1.000 | 2.243 | 2.431 | 2.370 | 2.529 | 1.000 | 3.739 | 1.000 | 26.130 |
| 2.106 | 2.107 | 3.113 | 2.235 | 1.000 | 2.431 | 1.000 | 2.529 | 2.431 | 1.000 | 2.313 | 22.265 |
| 2.106 | 2.107 | 4.401 | 1.000 | 1.000 | 1.000 | 2.370 | 1.000 | 1.000 | 1.000 | 3.671 | 20.656 |
| 2.106 | 3.178 | 2.075 | 2.235 | 2.243 | 2.431 | 1.000 | 2.529 | 2.431 | 1.000 | 2.313 | 23.541 |
| 3.386 | 4.416 | 4.401 | 3.540 | 2.243 | 3.867 | 2.370 | 4.009 | 2.431 | 3.739 | 2.313 | 36.716 |
| 2.106 | 3.178 | 3.113 | 1.000 | 1.000 | 1.000 | 1.000 | 2.529 | 2.431 | 2.348 | 2.313 | 22.018 |
| 2.106 | 3.178 | 3.113 | 2.235 | 2.243 | 2.431 | 2.370 | 2.529 | 2.431 | 2.348 | 2.313 | 27.297 |
| 2.106 | 3.178 | 3.113 | 3.540 | 3.562 | 3.867 | 3.791 | 4.009 | 3.867 | 3.739 | 3.671 | 38.443 |
| 1.000 | 2.107 | 2.075 | 2.235 | 2.243 | 2.431 | 2.370 | 2.529 | 2.431 | 2.348 | 2.313 | 24.083 |
| 1.000 | 2.107 | 2.075 | 2.235 | 2.243 | 2.431 | 2.370 | 2.529 | 2.431 | 2.348 | 2.313 | 24.083 |
| 2.106 | 2.107 | 3.113 | 2.235 | 2.243 | 2.431 | 2.370 | 2.529 | 2.431 | 2.348 | 2.313 | 26.227 |
| 3.386 | 3.178 | 4.401 | 3.540 | 3.562 | 3.867 | 3.791 | 4.009 | 2.431 | 3.739 | 1.000 | 36.904 |
| 2.106 | 3.178 | 3.113 | 2.235 | 2.243 | 2.431 | 2.370 | 2.529 | 2.431 | 2.348 | 2.313 | 27.297 |
| 3.386 | 4.416 | 4.401 | 3.540 | 3.562 | 3.867 | 3.791 | 4.009 | 3.867 | 3.739 | 3.671 | 42.250 |
| 3.386 | 1.000 | 4.401 | 3.540 | 3.562 | 3.867 | 3.791 | 4.009 | 3.867 | 3.739 | 3.671 | 38.834 |
| 3.386 | 3.178 | 3.113 | 3.540 | 3.562 | 3.867 | 3.791 | 4.009 | 3.867 | 3.739 | 3.671 | 39.723 |
| 3.386 | 4.416 | 3.113 | 2.235 | 2.243 | 3.867 | 3.791 | 2.529 | 2.431 | 3.739 | 3.671 | 35.421 |
| 1.000 | 3.178 | 3.113 | 2.235 | 2.243 | 2.431 | 3.791 | 4.009 | 2.431 | 2.348 | 2.313 | 29.091 |
| 3.386 | 3.178 | 3.113 | 2.235 | 2.243 | 3.867 | 2.370 | 4.009 | 3.867 | 2.348 | 2.313 | 32.929 |
| 3.386 | 4.416 | 4.401 | 2.235 | 2.243 | 2.431 | 2.370 | 4.009 | 2.431 | 2.348 | 2.313 | 32.585 |
| 3.386 | 4.416 | 4.401 | 3.540 | 3.562 | 2.431 | 3.791 | 4.009 | 3.867 | 3.739 | 3.671 | 40.814 |
| 2.106 | 2.107 | 2.075 | 3.540 | 2.243 | 2.431 | 3.791 | 2.529 | 2.431 | 2.348 | 3.671 | 29.272 |
| 3.386 | 4.416 | 4.401 | 2.235 | 2.243 | 3.867 | 3.791 | 4.009 | 3.867 | 3.739 | 2.313 | 38.268 |
| 2.106 | 3.178 | 4.401 | 3.540 | 2.243 | 2.431 | 2.370 | 2.529 | 2.431 | 2.348 | 2.313 | 29.891 |
| 3.386 | 3.178 | 4.401 | 3.540 | 3.562 | 3.867 | 3.791 | 2.529 | 3.867 | 2.348 | 1.000 | 35.470 |
| 3.386 | 3.178 | 3.113 | 3.540 | 3.562 | 3.867 | 2.370 | 4.009 | 3.867 | 3.739 | 3.671 | 38.302 |
| 3.386 | 3.178 | 4.401 | 3.540 | 3.562 | 2.431 | 2.370 | 2.529 | 3.867 | 3.739 | 3.671 | 36.675 |
| 2.106 | 3.178 | 4.401 | 2.235 | 2.243 | 3.867 | 2.370 | 4.009 | 3.867 | 3.739 | 2.313 | 34.329 |
| 3.386 | 3.178 | 4.401 | 2.235 | 3.562 | 2.431 | 2.370 | 2.529 | 3.867 | 3.739 | 3.671 | 35.371 |
| 3.386 | 4.416 | 3.113 | 2.235 | 2.243 | 1.000 | 3.791 | 4.009 | 2.431 | 2.348 | 2.313 | 31.285 |
| 3.386 | 4.416 | 3.113 | 2.235 | 3.562 | 3.867 | 2.370 | 2.529 | 2.431 | 2.348 | 2.313 | 32.571 |
| 3.386 | 3.178 | 4.401 | 2.235 | 2.243 | 2.431 | 3.791 | 4.009 | 3.867 | 2.348 | 3.671 | 35.561 |
| 3.386 | 2.107 | 4.401 | 2.235 | 2.243 | 3.867 | 2.370 | 4.009 | 2.431 | 3.739 | 2.313 | 33.102 |
| 3.386 | 4.416 | 4.401 | 3.540 | 3.562 | 3.867 | 3.791 | 4.009 | 3.867 | 2.348 | 2.313 | 39.501 |
| 2.106 | 3.178 | 4.401 | 3.540 | 3.562 | 2.431 | 2.370 | 2.529 | 2.431 | 2.348 | 2.313 | 31.210 |
| 3.386 | 4.416 | 4.401 | 3.540 | 2.243 | 2.431 | 3.791 | 2.529 | 2.431 | 2.348 | 2.313 | 33.830 |
| 2.106 | 4.416 | 4.401 | 3.540 | 3.562 | 3.867 | 3.791 | 4.009 | 3.867 | 2.348 | 3.671 | 39.579 |
| 3.386 | 4.416 | 3.113 | 3.540 | 1.000 | 3.867 | 2.370 | 4.009 | 3.867 | 3.739 | 2.313 | 35.620 |
| 3.386 | 3.178 | 4.401 | 2.235 | 3.562 | 2.431 | 2.370 | 2.529 | 3.867 | 1.000 | 3.671 | 32.632 |
| 3.386 | 3.178 | 3.113 | 1.000 | 2.243 | 2.431 | 3.791 | 4.009 | 1.000 | 3.739 | 3.671 | 31.560 |
| 2.106 | 3.178 | 3.113 | 2.235 | 3.562 | 3.867 | 2.370 | 4.009 | 3.867 | 2.348 | 3.671 | 34.327 |
| 3.386 | 3.178 | 3.113 | 2.235 | 2.243 | 2.431 | 2.370 | 2.529 | 2.431 | 2.348 | 2.313 | 28.577 |
| 3.386 | 4.416 | 2.075 | 3.540 | 3.562 | 3.867 | 3.791 | 4.009 | 3.867 | 3.739 | 2.313 | 38.565 |
| 1.000 | 4.416 | 4.401 | 3.540 | 2.243 | 2.431 | 2.370 | 4.009 | 2.431 | 2.348 | 3.671 | 32.862 |
| 3.386 | 4.416 | 4.401 | 2.235 | 1.000 | 2.431 | 3.791 | 4.009 | 3.867 | 3.739 | 3.671 | 36.947 |
| 3.386 | 3.178 | 4.401 | 2.235 | 3.562 | 3.867 | 3.791 | 2.529 | 3.867 | 2.348 | 2.313 | 35.478 |
| 3.386 | 4.416 | 3.113 | 2.235 | 3.562 | 2.431 | 3.791 | 4.009 | 2.431 | 3.739 | 2.313 | 35.426 |
| 2.106 | 3.178 | 3.113 | 2.235 | 2.243 | 3.867 | 3.791 | 2.529 | 2.431 | 2.348 | 2.313 | 30.154 |

**Lampiran 19 Transformasi Data X3**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Succesive Interval** | | | | | | | | |  |
| **x3.1** | **x3.2** | **x3.3** | **x3.4** | **x3.5** | **x3.6** | **x3.7** | **x3.8** | **x3.9** |
| 2.550 | 2.309 | 3.939 | 2.335 | 2.375 | 1.000 | 1.000 | 2.391 | 2.591 | 20.490 |
| 2.550 | 2.309 | 2.480 | 2.335 | 2.375 | 2.210 | 2.395 | 2.391 | 2.591 | 21.637 |
| 4.034 | 2.309 | 2.480 | 2.335 | 2.375 | 3.546 | 3.811 | 2.391 | 4.086 | 27.368 |
| 2.550 | 2.309 | 2.480 | 2.335 | 2.375 | 2.210 | 3.811 | 3.816 | 2.591 | 24.477 |
| 2.550 | 2.309 | 2.480 | 2.335 | 2.375 | 2.210 | 2.395 | 2.391 | 2.591 | 21.637 |
| 4.034 | 3.686 | 3.939 | 3.733 | 2.375 | 3.546 | 3.811 | 3.816 | 4.086 | 33.027 |
| 4.034 | 3.686 | 2.480 | 2.335 | 2.375 | 2.210 | 2.395 | 2.391 | 2.591 | 24.498 |
| 4.034 | 3.686 | 3.939 | 3.733 | 3.785 | 3.546 | 3.811 | 3.816 | 4.086 | 34.436 |
| 2.550 | 1.000 | 2.480 | 2.335 | 2.375 | 2.210 | 2.395 | 2.391 | 2.591 | 20.328 |
| 2.550 | 2.309 | 2.480 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 2.591 | 14.931 |
| 4.034 | 3.686 | 1.000 | 1.000 | 1.000 | 3.546 | 1.000 | 2.391 | 4.086 | 21.743 |
| 4.034 | 3.686 | 3.939 | 2.335 | 3.785 | 3.546 | 2.395 | 2.391 | 4.086 | 30.197 |
| 2.550 | 1.000 | 2.480 | 2.335 | 2.375 | 1.000 | 1.000 | 2.391 | 2.591 | 17.723 |
| 4.034 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 12.034 |
| 2.550 | 2.309 | 2.480 | 2.335 | 2.375 | 3.546 | 3.811 | 3.816 | 4.086 | 27.309 |
| 2.550 | 2.309 | 2.480 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 | 13.339 |
| 2.550 | 2.309 | 3.939 | 2.335 | 2.375 | 2.210 | 2.395 | 2.391 | 2.591 | 23.095 |
| 4.034 | 3.686 | 2.480 | 2.335 | 2.375 | 3.546 | 3.811 | 3.816 | 4.086 | 30.170 |
| 4.034 | 3.686 | 3.939 | 2.335 | 2.375 | 3.546 | 2.395 | 3.816 | 2.591 | 28.719 |
| 4.034 | 3.686 | 2.480 | 2.335 | 2.375 | 3.546 | 2.395 | 2.391 | 2.591 | 25.835 |
| 2.550 | 3.686 | 2.480 | 2.335 | 2.375 | 2.210 | 2.395 | 3.816 | 4.086 | 25.933 |
| 2.550 | 3.686 | 3.939 | 3.733 | 3.785 | 3.546 | 3.811 | 3.816 | 4.086 | 32.952 |
| 4.034 | 3.686 | 2.480 | 3.733 | 2.375 | 2.210 | 3.811 | 3.816 | 4.086 | 30.231 |
| 2.550 | 1.000 | 2.480 | 2.335 | 1.000 | 2.210 | 2.395 | 2.391 | 2.591 | 18.953 |
| 4.034 | 1.000 | 3.939 | 3.733 | 3.785 | 3.546 | 3.811 | 3.816 | 4.086 | 31.750 |
| 2.550 | 3.686 | 2.480 | 1.000 | 3.785 | 3.546 | 3.811 | 2.391 | 2.591 | 25.841 |
| 2.550 | 2.309 | 2.480 | 2.335 | 2.375 | 2.210 | 2.395 | 2.391 | 2.591 | 21.637 |
| 4.034 | 3.686 | 3.939 | 3.733 | 3.785 | 2.210 | 2.395 | 3.816 | 4.086 | 31.683 |
| 2.550 | 2.309 | 3.939 | 3.733 | 3.785 | 3.546 | 3.811 | 2.391 | 4.086 | 30.149 |
| 2.550 | 2.309 | 3.939 | 3.733 | 3.785 | 3.546 | 2.395 | 2.391 | 4.086 | 28.733 |
| 2.550 | 2.309 | 1.000 | 2.335 | 2.375 | 2.210 | 2.395 | 2.391 | 2.591 | 20.156 |
| 1.000 | 2.309 | 3.939 | 3.733 | 3.785 | 2.210 | 2.395 | 2.391 | 2.591 | 24.352 |
| 2.550 | 2.309 | 2.480 | 2.335 | 2.375 | 2.210 | 2.395 | 2.391 | 2.591 | 21.637 |
| 4.034 | 3.686 | 3.939 | 3.733 | 3.785 | 3.546 | 3.811 | 3.816 | 4.086 | 34.436 |
| 4.034 | 3.686 | 3.939 | 3.733 | 3.785 | 1.000 | 2.395 | 2.391 | 4.086 | 29.049 |
| 2.550 | 2.309 | 2.480 | 3.733 | 2.375 | 3.546 | 3.811 | 3.816 | 2.591 | 27.212 |
| 4.034 | 3.686 | 3.939 | 2.335 | 3.785 | 3.546 | 3.811 | 2.391 | 2.591 | 30.119 |
| 2.550 | 2.309 | 2.480 | 2.335 | 2.375 | 3.546 | 2.395 | 2.391 | 2.591 | 22.973 |
| 2.550 | 2.309 | 2.480 | 3.733 | 3.785 | 2.210 | 3.811 | 3.816 | 4.086 | 28.779 |
| 2.550 | 3.686 | 2.480 | 2.335 | 3.785 | 3.546 | 2.395 | 2.391 | 2.591 | 25.760 |
| 2.550 | 3.686 | 3.939 | 3.733 | 2.375 | 2.210 | 2.395 | 2.391 | 2.591 | 25.871 |
| 4.034 | 2.309 | 2.480 | 2.335 | 2.375 | 2.210 | 2.395 | 2.391 | 2.591 | 23.121 |
| 2.550 | 3.686 | 2.480 | 3.733 | 3.785 | 1.000 | 2.395 | 3.816 | 2.591 | 26.037 |
| 2.550 | 2.309 | 2.480 | 2.335 | 2.375 | 2.210 | 2.395 | 2.391 | 2.591 | 21.637 |
| 4.034 | 3.686 | 2.480 | 3.733 | 2.375 | 3.546 | 3.811 | 3.816 | 4.086 | 31.568 |
| 2.550 | 3.686 | 2.480 | 3.733 | 3.785 | 2.210 | 2.395 | 3.816 | 4.086 | 28.740 |
| 4.034 | 2.309 | 3.939 | 3.733 | 3.785 | 3.546 | 2.395 | 2.391 | 4.086 | 30.217 |
| 2.550 | 2.309 | 3.939 | 2.335 | 2.375 | 3.546 | 3.811 | 2.391 | 2.591 | 25.848 |
| 1.000 | 3.686 | 2.480 | 2.335 | 2.375 | 2.210 | 2.395 | 3.816 | 2.591 | 22.889 |
| 4.034 | 2.309 | 3.939 | 3.733 | 2.375 | 2.210 | 3.811 | 2.391 | 4.086 | 28.887 |
| 2.550 | 2.309 | 2.480 | 2.335 | 2.375 | 2.210 | 3.811 | 3.816 | 2.591 | 24.477 |
| 4.034 | 3.686 | 3.939 | 3.733 | 3.785 | 3.546 | 3.811 | 3.816 | 4.086 | 34.436 |
| 4.034 | 2.309 | 2.480 | 3.733 | 3.785 | 1.000 | 2.395 | 3.816 | 4.086 | 27.637 |
| 2.550 | 1.000 | 3.939 | 2.335 | 3.785 | 2.210 | 3.811 | 1.000 | 2.591 | 23.221 |
| 2.550 | 2.309 | 2.480 | 3.733 | 2.375 | 3.546 | 3.811 | 3.816 | 2.591 | 27.212 |
| 4.034 | 3.686 | 3.939 | 2.335 | 2.375 | 2.210 | 2.395 | 2.391 | 2.591 | 25.957 |
| 2.550 | 2.309 | 3.939 | 2.335 | 3.785 | 3.546 | 2.395 | 3.816 | 4.086 | 28.760 |
| 2.550 | 3.686 | 2.480 | 3.733 | 3.785 | 2.210 | 2.395 | 3.816 | 2.591 | 27.246 |
| 2.550 | 2.309 | 1.000 | 3.733 | 3.785 | 3.546 | 3.811 | 3.816 | 4.086 | 28.635 |
| 4.034 | 3.686 | 3.939 | 3.733 | 3.785 | 3.546 | 3.811 | 2.391 | 2.591 | 31.517 |
| 1.000 | 2.309 | 2.480 | 3.733 | 2.375 | 2.210 | 2.395 | 2.391 | 4.086 | 22.979 |
| 2.550 | 2.309 | 3.939 | 2.335 | 3.785 | 3.546 | 2.395 | 1.000 | 2.591 | 24.451 |
| 4.034 | 3.686 | 3.939 | 3.733 | 2.375 | 3.546 | 2.395 | 3.816 | 2.591 | 30.116 |
| 4.034 | 3.686 | 2.480 | 3.733 | 1.000 | 3.546 | 2.395 | 3.816 | 2.591 | 27.283 |
| 2.550 | 2.309 | 2.480 | 1.000 | 2.375 | 2.210 | 3.811 | 3.816 | 4.086 | 24.636 |
| 4.034 | 2.309 | 3.939 | 2.335 | 3.785 | 2.210 | 3.811 | 3.816 | 2.591 | 28.829 |
| 4.034 | 1.000 | 3.939 | 3.733 | 2.375 | 3.546 | 2.395 | 2.391 | 2.591 | 26.005 |
| 4.034 | 2.309 | 2.480 | 2.335 | 3.785 | 2.210 | 2.395 | 2.391 | 1.000 | 22.938 |

**Lampiran 20 Statistik Deskriptif**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Descriptive Statistics** | | | | | |
|  | N | Minimum | Maximum | Mean | Std. Deviation |
| Kepuasan Kerja | 68 | 19 | 50 | 37.13 | 7.157 |
| Kepemimpinan Transformasional | 68 | 18 | 34 | 27.63 | 3.712 |
| Disiplin Kerja | 68 | 13 | 42 | 31.61 | 6.471 |
| Motivasi Kerja | 68 | 18 | 34 | 26.41 | 3.802 |
| Valid N (listwise) | 68 |  |  |  |  |

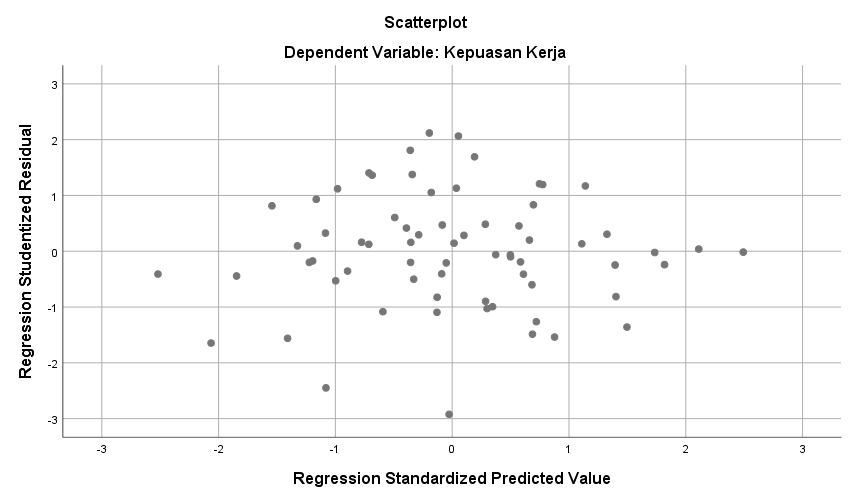
**Lampiran 21 Uji Normalitas**

|  |  |  |
| --- | --- | --- |
| **One-Sample Kolmogorov-Smirnov Test** | | |
|  | | Unstandardized Residual |
| N | | 68 |
| Normal Parametersa,b | Mean | .0000000 |
| Std. Deviation | 6.22233329 |
| Most Extreme Differences | Absolute | .067 |
| Positive | .065 |
| Negative | -.067 |
| Test Statistic | | .067 |
| Asymp. Sig. (2-tailed) | | .200c,d |
| a. Test distribution is Normal. | | |
| b. Calculated from data. | | |
| c. Lilliefors Significance Correction. | | |
| d. This is a lower bound of the true significance. | | |

**Lampiran 22 Uji Multikolonieritas**

|  |  |  |  |
| --- | --- | --- | --- |
| **Coefficientsa** | | | |
| Model | | Collinearity Statistics | |
| Tolerance | VIF |
| 1 | (Constant) |  |  |
| Kepemimpinan Transformasional | .977 | 1.023 |
| Disiplin Kerja | .753 | 1.328 |
| Motivasi Kerja | .768 | 1.302 |
| a. Dependent Variable: Kepuasan Kerja | | | |

**Lampiran 23 Uji Scatterplot**



**Lampiran 24 Uji Autokorelasi**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Model Summaryb** | | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Durbin-Watson |
| 1 | .557a | .310 | .278 | 6.08205 | 1.701 |
| a. Predictors: (Constant), Motivasi Kerja, Kepemimpinan Transformasional, Disiplin Kerja | | | | | |
| b. Dependent Variable: Kepuasan Kerja | | | | | |

**Lampiran 25 Uji Regresi Berganda**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | 22.103 | 8.575 |  | 2.578 | .012 |
| Kepemimpinan Transformasional | .406 | .203 | .211 | 2.006 | .049 |
| Disiplin Kerja | .588 | .120 | .532 | 4.891 | .000 |
| Motivasi Kerja | -.560 | .204 | -.298 | -2.751 | .008 |
| a. Dependent Variable: Kepuasan Kerja | | | | | | |

**Lampiran 26 Uji t**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | 22.103 | 8.575 |  | 2.578 | .012 |
| Kepemimpinan Transformasional | .406 | .203 | .211 | 2.006 | .049 |
| Disiplin Kerja | .588 | .120 | .532 | 4.891 | .000 |
| Motivasi Kerja | -.560 | .204 | -.298 | -2.751 | .008 |
| a. Dependent Variable: Kepuasan Kerja | | | | | | |

**Lampiran 27 Uji F**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVAa** | | | | | | |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 1064.040 | 3 | 354.680 | 9.588 | .000b |
| Residual | 2367.441 | 64 | 36.991 |  |  |
| Total | 3431.481 | 67 |  |  |  |
| a. Dependent Variable: Kepuasan Kerja | | | | | | |
| b. Predictors: (Constant), Motivasi Kerja, Kepemimpinan Transformasional, Disiplin Kerja | | | | | | |

**Lampiran 28 Koefisien Determinasi**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Model Summaryb** | | | | | |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Durbin-Watson |
| 1 | .557a | .310 | .278 | 6.08205 | 1.701 |
| a. Predictors: (Constant), Motivasi Kerja, Kepemimpinan Transformasional, Disiplin Kerja | | | | | |
| b. Dependent Variable: Kepuasan Kerja | | | | | |