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LAMPIRAN

**Lampiran 1**

**Tabel Rasio Tingkat Kemandirian Keuangan Daerah**

**Tahun 2016-2021**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Kab/Kota** | **Tingkat Kemandirian Keuangan Daerah (%)** | | | | | | **RATA-RATA** |
| **2016** | **2017** | **2018** | **2019** | **2020** | **2021** |
| Kabupaten Banjarnegara | 13.70 | 15.92 | 13.49 | 14.69 | 14.48 | 18.86 | 15.19 |
| Kabupaten Banyumas | 24.05 | 25.95 | 26.61 | 26.81 | 27.15 | 30.05 | 26.77 |
| Kabupaten Batang | 18.86 | 16.35 | 17.09 | 17.02 | 18.45 | 22.74 | 18.42 |
| Kabupaten Blora | 11.28 | 18.44 | 12.64 | 15.13 | 20.44 | 18.01 | 15.99 |
| Kabupaten Boyolali | 17.34 | 21.86 | 19.01 | 21.12 | 24.59 | 28.21 | 22.02 |
| Kabupaten Brebes | 17.50 | 26.36 | 17.39 | 18.00 | 20.35 | 21.11 | 20.12 |
| Kabupaten Cilacap | 21.33 | 32.85 | 27.36 | 22.81 | 25.20 | 30.75 | 26.72 |
| Kabupaten Demak | 17.31 | 18.77 | 20.12 | 22.08 | 29.43 | 24.81 | 22.09 |
| Kabupaten Grobogan | 13.58 | 22.24 | 15.84 | 16.48 | 17.35 | 20.60 | 17.68 |
| Kabupaten Jepara | 18.20 | 18.74 | 20.73 | 20.06 | 23.39 | 21.97 | 20.52 |
| Kabupaten Karanganyar | 17.64 | 25.66 | 20.37 | 22.72 | 23.56 | 25.86 | 22.64 |
| Kabupaten Kebumen | 12.59 | 19.59 | 16.29 | 18.01 | 18.13 | 21.24 | 17.64 |
| Kabupaten Kendal | 18.24 | 28.40 | 19.62 | 19.71 | 21.38 | 25.05 | 22.07 |
| Kabupaten Klaten | 12.52 | 19.59 | 21.54 | 16.52 | 18.83 | 14.80 | 17.30 |
| Kabupaten Kudus | 17.55 | 22.75 | 21.20 | 20.51 | 24.57 | 31.98 | 23.09 |
| Kabupaten Magelang | 16.52 | 21.65 | 17.22 | 20.22 | 17.00 | 18.93 | 18.59 |
| Kabupaten Pati | 14.92 | 19.46 | 20.27 | 19.14 | 17.10 | 17.52 | 18.07 |
| Kabupaten Pekalongan | 21.07 | 17.55 | 18.21 | 19.51 | 25.17 | 21.20 | 20.45 |
| Kabupaten Pemalang | 15.07 | 22.20 | 15.19 | 16.44 | 16.77 | 17.60 | 17.21 |
| Kabupaten Purbalingga | 16.95 | 22.30 | 17.97 | 18.28 | 20.38 | 24.07 | 19.99 |
| Kabupaten Purworejo | 14.93 | 17.13 | 16.97 | 15.49 | 17.15 | 24.73 | 17.73 |
| Kabupaten Rembang | 17.62 | 21.15 | 20.71 | 21.32 | 22.07 | 28.14 | 21.84 |
| Kabupaten Semarang | 21.46 | 28.64 | 24.33 | 25.23 | 25.02 | 33.17 | 26.31 |
| Kabupaten Sragen | 16.63 | 22.79 | 19.00 | 19.91 | 22.81 | 31.41 | 22.09 |
| Kabupaten Sukoharjo | 23.88 | 29.38 | 28.04 | 31.30 | 34.76 | 34.75 | 30.35 |
| Kabupaten Tegal | 17.22 | 19.54 | 18.53 | 23.73 | 25.91 | 27.91 | 22.14 |
| Kabupaten Temanggung | 20.16 | 20.99 | 17.79 | 18.19 | 21.18 | 23.61 | 20.32 |
| Kabupaten Wonogiri | 12.40 | 16.86 | 14.13 | 13.95 | 14.54 | 12.52 | 14.07 |
| Kabupaten Wonosobo | 17.25 | 17.95 | 16.77 | 12.17 | 17.02 | 22.66 | 17.30 |
| Kota Magelang | 35.59 | 35.84 | 39.08 | 40.55 | 45.77 | 48.60 | 40.91 |
| Kota Pekalongan | 28.10 | 27.56 | 25.79 | 29.73 | 32.80 | 36.70 | 30.11 |
| Kota Salatiga | 30.14 | 33.26 | 31.49 | 35.09 | 33.71 | 43.39 | 34.51 |
| Kota Semarang | 71.98 | 82.47 | 79.14 | 86.61 | 90.77 | 102.82 | 85.63 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Kota Surakarta | 33.35 | 41.42 | 40.28 | 40.36 | 38.81 | 42.43 | 39.44 |
| Kota Tegal | 37.65 | 42.74 | 40.14 | 39.48 | 37.00 | 44.52 | 40.26 |
| MEAN | 20.99 | 25.55 | 23.15 | 23.95 | 25.80 | 28.93 | 24.73 |
| STANDAR DEVIASI | 10.82 | 11.82 | 11.86 | 12.98 | 13.27 | 15.26 | 12.49 |

**Lampiran 2**

**Tabel Rasio Penerimaan Pajak Daerah Tahun 2016-2021**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Kab/Kota** | **Pajak Daerah (%)** | | | | | | **RATA-RATA** |
| **2016** | **2017** | **2018** | **2019** | **2020** | **2021** |
| Kabupaten Banjarnegara | 2.27 | 2.24 | 2.78 | 2.88 | 2.78 | 2.82 | 2.63 |
| Kabupaten Banyumas | 5.17 | 6.20 | 6.48 | 6.68 | 6.26 | 6.38 | 6.20 |
| Kabupaten Batang | 3.53 | 4.21 | 4.36 | 4.66 | 4.62 | 5.95 | 4.56 |
| Kabupaten Blora | 2.21 | 2.41 | 2.54 | 2.74 | 2.64 | 2.47 | 2.50 |
| Kabupaten Boyolali | 4.23 | 4.75 | 6.03 | 6.35 | 5.91 | 6.22 | 5.58 |
| Kabupaten Brebes | 2.59 | 2.85 | 3.35 | 3.64 | 3.61 | 3.93 | 3.33 |
| Kabupaten Cilacap | 4.93 | 5.10 | 6.05 | 8.85 | 6.45 | 6.64 | 6.34 |
| Kabupaten Demak | 4.62 | 6.26 | 6.47 | 6.62 | 6.55 | 7.01 | 6.26 |
| Kabupaten Grobogan | 2.64 | 2.90 | 3.16 | 3.71 | 3.80 | 3.86 | 3.35 |
| Kabupaten Jepara | 4.59 | 4.04 | 4.65 | 5.28 | 5.91 | 7.15 | 5.27 |
| Kabupaten Karanganyar | 6.34 | 7.38 | 7.91 | 8.50 | 8.34 | 9.00 | 7.91 |
| Kabupaten Kebumen | 2.41 | 2.93 | 3.67 | 3.92 | 3.65 | 3.97 | 3.43 |
| Kabupaten Kendal | 4.49 | 5.34 | 5.61 | 5.74 | 6.31 | 7.11 | 5.77 |
| Kabupaten Klaten | 3.35 | 4.08 | 4.49 | 4.66 | 4.50 | 4.93 | 4.34 |
| Kabupaten Kudus | 4.49 | 5.24 | 5.72 | 6.02 | 6.26 | 6.87 | 5.77 |
| Kabupaten Magelang | 4.77 | 4.95 | 5.41 | 6.09 | 4.85 | 4.86 | 5.16 |
| Kabupaten Pati | 2.63 | 2.66 | 2.96 | 3.28 | 3.68 | 3.99 | 3.20 |
| Kabupaten Pekalongan | 2.28 | 2.29 | 3.11 | 3.58 | 3.60 | 4.01 | 3.15 |
| Kabupaten Pemalang | 2.16 | 2.73 | 3.13 | 3.32 | 3.29 | 3.41 | 3.01 |
| Kabupaten Purbalingga | 2.50 | 2.88 | 2.95 | 3.00 | 3.01 | 3.00 | 2.89 |
| Kabupaten Purworejo | 2.05 | 2.53 | 3.36 | 3.57 | 3.42 | 3.68 | 3.10 |
| Kabupaten Rembang | 3.09 | 3.47 | 5.62 | 5.53 | 4.66 | 5.71 | 4.68 |
| Kabupaten Semarang | 5.35 | 7.89 | 7.19 | 7.55 | 8.34 | 7.84 | 7.36 |
| Kabupaten Sragen | 3.16 | 3.78 | 3.94 | 4.34 | 5.04 | 4.59 | 4.14 |
| Kabupaten Sukoharjo | 9.42 | 10.80 | 11.48 | 12.24 | 11.53 | 11.06 | 11.09 |
| Kabupaten Tegal | 3.23 | 3.93 | 4.24 | 4.46 | 4.72 | 5.02 | 4.27 |
| Kabupaten Temanggung | 1.93 | 2.15 | 2.33 | 2.84 | 2.62 | 2.68 | 2.43 |
| Kabupaten Wonogiri | 1.71 | 2.02 | 2.38 | 2.47 | 2.50 | 2.64 | 2.29 |
| Kabupaten Wonosobo | 1.92 | 2.10 | 2.24 | 2.28 | 2.31 | 2.68 | 2.26 |
| Kota Magelang | 3.09 | 3.43 | 3.78 | 4.18 | 3.80 | 3.83 | 3.69 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Kota Pekalongan | 6.16 | 6.69 | 7.79 | 9.01 | 8.00 | 9.04 | 7.78 |
| Kota Salatiga | 5.49 | 5.63 | 6.24 | 7.15 | 6.11 | 6.87 | 6.25 |
| Kota Semarang | 24.53 | 31.06 | 31.45 | 34.21 | 32.40 | 29.96 | 30.60 |
| Kota Surakarta | 14.80 | 15.99 | 18.09 | 18.50 | 15.25 | 16.29 | 16.49 |
| Kota Tegal | 5.10 | 6.74 | 8.49 | 8.62 | 8.15 | 9.46 | 7.76 |
| MEAN | 4.66 | 5.42 | 5.98 | 6.47 | 6.14 | 6.43 | 5.85 |
| STANDAR DEVIASI | 4.19 | 5.19 | 5.30 | 5.70 | 5.23 | 4.92 | 5.07 |

**Lampiran 3**

**Tabel Rasio Penerimaan Retribusi Daerah Tahun 2016-2021**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Kab/Kota** | **Retribusi Daerah (%)** | | | | | | **RATA-RATA** |
| **2016** | **2017** | **2018** | **2019** | **2020** | **2021** |
| Kabupaten Banjarnegara | 1.45 | 1.37 | 1.47 | 1.02 | 0.83 | 1.12 | 1.21 |
| Kabupaten Banyumas | 0.96 | 0.86 | 0.99 | 0.95 | 0.71 | 0.68 | 0.86 |
| Kabupaten Batang | 1.11 | 1.17 | 1.08 | 0.95 | 0.91 | 0.89 | 1.02 |
| Kabupaten Blora | 0.53 | 0.42 | 0.41 | 0.41 | 0.43 | 0.47 | 0.45 |
| Kabupaten Boyolali | 0.75 | 0.68 | 0.72 | 0.89 | 0.72 | 0.93 | 0.78 |
| Kabupaten Brebes | 0.49 | 0.44 | 0.48 | 0.43 | 0.51 | 0.51 | 0.48 |
| Kabupaten Cilacap | 1.11 | 1.06 | 1.42 | 1.36 | 0.60 | 0.56 | 1.02 |
| Kabupaten Demak | 0.95 | 1.02 | 1.16 | 1.80 | 1.17 | 1.02 | 1.19 |
| Kabupaten Grobogan | 1.35 | 0.56 | 0.52 | 0.60 | 0.56 | 0.44 | 0.67 |
| Kabupaten Jepara | 1.84 | 0.95 | 0.95 | 0.89 | 0.78 | 0.93 | 1.06 |
| Kabupaten Karanganyar | 1.26 | 1.18 | 0.97 | 0.50 | 0.65 | 0.51 | 0.85 |
| Kabupaten Kebumen | 0.98 | 0.84 | 1.41 | 0.96 | 0.80 | 0.84 | 0.97 |
| Kabupaten Kendal | 1.11 | 1.23 | 1.54 | 1.07 | 0.94 | 0.94 | 1.14 |
| Kabupaten Klaten | 1.00 | 0.49 | 0.51 | 0.64 | 0.57 | 0.56 | 0.63 |
| Kabupaten Kudus | 0.89 | 1.00 | 0.92 | 0.96 | 0.92 | 1.20 | 0.98 |
| Kabupaten Magelang | 0.77 | 0.90 | 0.79 | 0.89 | 1.14 | 0.86 | 0.89 |
| Kabupaten Pati | 0.73 | 0.69 | 0.71 | 0.80 | 0.85 | 1.00 | 0.80 |
| Kabupaten Pekalongan | 0.41 | 0.42 | 0.48 | 0.59 | 0.62 | 0.54 | 0.51 |
| Kabupaten Pemalang | 1.23 | 1.19 | 1.23 | 1.50 | 1.28 | 1.10 | 1.26 |
| Kabupaten Purbalingga | 2.17 | 2.36 | 2.27 | 0.71 | 0.57 | 0.60 | 1.45 |
| Kabupaten Purworejo | 0.52 | 0.55 | 0.63 | 0.68 | 0.56 | 0.73 | 0.61 |
| Kabupaten Rembang | 1.53 | 1.20 | 1.20 | 1.04 | 0.87 | 0.89 | 1.12 |
| Kabupaten Semarang | 1.36 | 1.45 | 1.51 | 1.49 | 1.38 | 1.15 | 1.39 |
| Kabupaten Sragen | 0.75 | 0.68 | 0.61 | 0.61 | 0.59 | 0.58 | 0.64 |
| Kabupaten Sukoharjo | 1.21 | 1.09 | 1.12 | 0.89 | 0.82 | 0.87 | 1.00 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Kabupaten Tegal | 0.99 | 0.82 | 0.71 | 0.91 | 0.73 | 0.73 | 0.82 |
| Kabupaten Temanggung | 3.80 | 0.94 | 0.73 | 0.86 | 0.46 | 0.48 | 1.21 |
| Kabupaten Wonogiri | 0.97 | 0.89 | 1.03 | 0.99 | 0.82 | 0.68 | 0.90 |
| Kabupaten Wonosobo | 0.70 | 0.56 | 0.52 | 0.58 | 0.36 | 0.58 | 0.55 |
| Kota Magelang | 0.79 | 0.69 | 0.62 | 0.72 | 0.56 | 0.63 | 0.67 |
| Kota Pekalongan | 1.96 | 1.65 | 1.77 | 1.72 | 1.56 | 1.53 | 1.70 |
| Kota Salatiga | 1.51 | 1.18 | 1.20 | 1.19 | 1.04 | 1.58 | 1.28 |
| Kota Semarang | 3.00 | 2.16 | 2.55 | 2.49 | 2.02 | 2.00 | 2.37 |
| Kota Surakarta | 3.50 | 3.41 | 3.03 | 2.84 | 2.54 | 2.66 | 3.00 |
| Kota Tegal | 2.01 | 1.94 | 1.76 | 1.84 | 1.74 | 2.16 | 1.91 |
| MEAN | 1.31 | 1.09 | 1.11 | 1.05 | 0.90 | 0.94 | 1.07 |
| STANDAR DEVIASI | 0.78 | 0.61 | 0.60 | 0.54 | 0.46 | 0.50 | 0.52 |

**Lampiran 4**

**Tabel Rasio Dana Bagi Hasil Tahun 2016-2021**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Kab/Kota** | **Dana Bagi Hasil (%)** | | | | | | **RATA-RATA** |
| **2016** | **2017** | **2018** | **2019** | **2020** | **2021** |
| Kabupaten Banjarnegara | 1.93 | 1.76 | 1.45 | 1.09 | 1.65 | 2.18 | 1.68 |
| Kabupaten Banyumas | 2.02 | 1.40 | 1.31 | 0.83 | 1.49 | 1.69 | 1.46 |
| Kabupaten Batang | 2.45 | 2.20 | 2.13 | 1.79 | 2.19 | 3.61 | 2.40 |
| Kabupaten Blora | 5.97 | 5.62 | 5.46 | 5.35 | 4.87 | 7.03 | 5.72 |
| Kabupaten Boyolali | 2.31 | 2.08 | 1.93 | 1.59 | 1.82 | 2.26 | 2.00 |
| Kabupaten Brebes | 1.78 | 1.28 | 1.14 | 0.94 | 1.25 | 1.52 | 1.32 |
| Kabupaten Cilacap | 2.60 | 2.41 | 2.22 | 1.88 | 1.72 | 2.18 | 2.17 |
| Kabupaten Demak | 2.63 | 2.18 | 1.65 | 1.36 | 2.06 | 2.25 | 2.02 |
| Kabupaten Grobogan | 2.56 | 1.97 | 1.68 | 1.33 | 1.87 | 2.48 | 1.98 |
| Kabupaten Jepara | 2.09 | 1.66 | 1.77 | 1.40 | 1.89 | 2.79 | 1.93 |
| Kabupaten Karanganyar | 2.05 | 1.93 | 1.84 | 1.36 | 1.88 | 2.37 | 1.91 |
| Kabupaten Kebumen | 1.66 | 1.47 | 1.12 | 0.79 | 1.27 | 1.46 | 1.30 |
| Kabupaten Kendal | 3.33 | 2.58 | 2.22 | 1.84 | 1.96 | 2.61 | 2.42 |
| Kabupaten Klaten | 2.23 | 1.97 | 1.60 | 1.20 | 1.63 | 1.99 | 1.77 |
| Kabupaten Kudus | 12.79 | 13.31 | 11.80 | 10.02 | 10.75 | 12.32 | 11.83 |
| Kabupaten Magelang | 2.50 | 2.00 | 1.58 | 1.10 | 1.44 | 1.85 | 1.75 |
| Kabupaten Pati | 1.81 | 1.44 | 1.20 | 0.88 | 1.51 | 1.90 | 1.46 |
| Kabupaten Pekalongan | 1.86 | 1.43 | 1.25 | 0.99 | 1.49 | 1.83 | 1.48 |
| Kabupaten Pemalang | 1.87 | 1.44 | 1.25 | 0.93 | 1.40 | 1.72 | 1.44 |
| Kabupaten Purbalingga | 2.07 | 1.61 | 1.31 | 1.00 | 1.64 | 1.75 | 1.56 |
| Kabupaten Purworejo | 1.72 | 1.52 | 1.26 | 0.90 | 1.45 | 1.61 | 1.41 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Kabupaten Rembang | 2.75 | 2.63 | 2.30 | 2.13 | 2.85 | 3.45 | 2.69 |
| Kabupaten Semarang | 2.33 | 2.13 | 1.91 | 1.39 | 1.85 | 2.30 | 1.99 |
| Kabupaten Sragen | 1.95 | 1.57 | 1.26 | 0.91 | 1.38 | 1.66 | 1.46 |
| Kabupaten Sukoharjo | 1.93 | 1.61 | 1.29 | 1.12 | 1.96 | 2.29 | 1.70 |
| Kabupaten Tegal | 1.89 | 1.57 | 1.17 | 0.80 | 1.37 | 1.50 | 1.38 |
| Kabupaten Temanggung | 3.31 | 3.15 | 2.89 | 2.41 | 2.89 | 3.39 | 3.01 |
| Kabupaten Wonogiri | 1.75 | 1.47 | 1.21 | 0.91 | 1.41 | 1.83 | 1.43 |
| Kabupaten Wonosobo | 2.46 | 2.14 | 1.87 | 1.50 | 1.95 | 2.42 | 2.06 |
| Kota Magelang | 3.61 | 2.93 | 2.69 | 1.98 | 3.00 | 3.46 | 2.95 |
| Kota Pekalongan | 3.75 | 3.07 | 2.95 | 1.96 | 3.04 | 3.56 | 3.06 |
| Kota Salatiga | 3.42 | 2.88 | 2.74 | 2.03 | 2.98 | 3.70 | 2.96 |
| Kota Semarang | 4.53 | 4.49 | 3.99 | 2.50 | 3.69 | 28.59 | 7.97 |
| Kota Surakarta | 3.85 | 2.81 | 2.53 | 1.66 | 3.20 | 2.98 | 2.84 |
| Kota Tegal | 3.01 | 2.85 | 2.59 | 1.82 | 2.89 | 3.53 | 2.78 |
| MEAN | 2.88 | 2.53 | 2.24 | 1.76 | 2.33 | 3.54 | 2.55 |
| STANDAR DEVIASI | 1.93 | 2.05 | 1.86 | 1.63 | 1.65 | 4.71 | 2.04 |

**Lampiran 5**

**Tabel Rasio Dana Alokasi Umum Tahun 2016-2021**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Kab/Kota** | **Dana Alokasi Umum (%)** | | | | | | **RATA-RATA** |
| **2016** | **2017** | **2018** | **2019** | **2020** | **2021** |
| Kabupaten Banjarnegara | 53.19 | 44.25 | 46.25 | 47.44 | 45.15 | 42.95 | 46.54 |
| Kabupaten Banyumas | 49.02 | 42.65 | 42.07 | 41.84 | 39.24 | 36.98 | 41.97 |
| Kabupaten Batang | 52.77 | 49.74 | 45.91 | 46.18 | 42.88 | 40.49 | 46.33 |
| Kabupaten Blora | 50.77 | 46.02 | 43.70 | 43.13 | 40.95 | 38.78 | 43.89 |
| Kabupaten Boyolali | 51.81 | 46.62 | 45.54 | 44.36 | 40.15 | 38.88 | 44.56 |
| Kabupaten Brebes | 52.07 | 46.10 | 46.31 | 44.35 | 41.28 | 39.17 | 44.88 |
| Kabupaten Cilacap | 49.52 | 44.35 | 44.35 | 43.35 | 40.67 | 38.17 | 43.40 |
| Kabupaten Demak | 46.54 | 43.32 | 41.73 | 40.07 | 36.89 | 36.21 | 40.79 |
| Kabupaten Grobogan | 50.39 | 44.98 | 44.86 | 44.34 | 41.08 | 39.25 | 44.15 |
| Kabupaten Jepara | 47.50 | 45.39 | 43.66 | 43.08 | 40.36 | 39.02 | 43.17 |
| Kabupaten Karanganyar | 49.50 | 47.89 | 46.30 | 46.73 | 43.25 | 41.72 | 45.90 |
| Kabupaten Kebumen | 48.20 | 45.48 | 46.75 | 45.40 | 43.34 | 41.64 | 45.14 |
| Kabupaten Kendal | 51.51 | 46.68 | 44.72 | 44.80 | 42.68 | 39.19 | 44.93 |
| Kabupaten Klaten | 53.32 | 49.26 | 48.02 | 47.68 | 45.27 | 44.72 | 48.05 |
| Kabupaten Kudus | 43.71 | 40.73 | 40.42 | 40.71 | 37.55 | 34.55 | 39.61 |
| Kabupaten Magelang | 52.99 | 46.67 | 46.07 | 42.61 | 41.49 | 39.48 | 44.89 |
| Kabupaten Pati | 49.39 | 42.84 | 42.66 | 43.69 | 41.89 | 40.63 | 43.52 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Kabupaten Pekalongan | 51.84 | 44.02 | 43.55 | 44.63 | 42.93 | 41.91 | 44.81 |
| Kabupaten Pemalang | 56.71 | 50.02 | 48.63 | 46.40 | 45.68 | 42.53 | 48.33 |
| Kabupaten Purbalingga | 51.39 | 45.02 | 45.25 | 44.22 | 43.07 | 40.39 | 44.89 |
| Kabupaten Purworejo | 45.47 | 43.70 | 45.09 | 44.34 | 42.93 | 39.91 | 43.57 |
| Kabupaten Rembang | 50.19 | 44.80 | 43.20 | 43.90 | 38.75 | 37.58 | 43.07 |
| Kabupaten Semarang | 48.98 | 44.58 | 44.98 | 43.34 | 41.13 | 37.11 | 43.35 |
| Kabupaten Sragen | 51.02 | 47.97 | 48.19 | 47.08 | 44.79 | 42.13 | 46.86 |
| Kabupaten Sukoharjo | 49.69 | 44.10 | 44.10 | 44.13 | 42.11 | 40.00 | 44.02 |
| Kabupaten Tegal | 53.77 | 46.58 | 45.34 | 43.49 | 40.98 | 37.63 | 44.63 |
| Kabupaten Temanggung | 48.13 | 44.60 | 45.83 | 44.13 | 41.62 | 38.21 | 43.75 |
| Kabupaten Wonogiri | 56.29 | 48.55 | 48.94 | 48.35 | 47.24 | 46.01 | 49.23 |
| Kabupaten Wonosobo | 53.40 | 45.19 | 44.71 | 44.80 | 42.53 | 40.27 | 45.15 |
| Kota Magelang | 53.32 | 48.38 | 48.46 | 47.03 | 44.04 | 41.20 | 47.07 |
| Kota Pekalongan | 53.30 | 49.03 | 49.61 | 48.97 | 45.47 | 44.12 | 48.42 |
| Kota Salatiga | 51.84 | 50.76 | 50.35 | 50.64 | 47.75 | 44.18 | 49.25 |
| Kota Semarang | 29.53 | 30.03 | 28.11 | 28.85 | 26.90 | 1.81 | 24.21 |
| Kota Surakarta | 49.41 | 45.83 | 43.99 | 45.18 | 43.39 | 40.32 | 44.69 |
| Kota Tegal | 46.69 | 47.05 | 48.84 | 48.50 | 45.07 | 43.81 | 46.66 |
| MEAN | 50.09 | 45.52 | 45.04 | 44.51 | 42.01 | 39.17 | 44.39 |
| STANDAR DEVIASI | 4.50 | 3.49 | 3.70 | 3.51 | 3.56 | 6.88 | 4.07 |

**Lampiran 6**

**Tabel Rasio Belanja Modal Tahun 2016-2021**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Kab/Kota** | **Belanja Modal (%)** | | | | | | **RATA-RATA** |
| **2016** | **2017** | **2018** | **2019** | **2020** | **2021** |
| Kabupaten Banjarnegara | 24.17 | 25.83 | 22.40 | 16.87 | 17.16 | 14.44 | 20.15 |
| Kabupaten Banyumas | 16.59 | 18.21 | 19.17 | 17.10 | 11.19 | 12.6 | 15.81 |
| Kabupaten Batang | 17.34 | 13.12 | 11.70 | 14.80 | 9.20 | 13.61 | 13.30 |
| Kabupaten Blora | 22.35 | 21.30 | 23.66 | 21.26 | 16.55 | 14.16 | 19.88 |
| Kabupaten Boyolali | 18.18 | 19.56 | 22.65 | 22.28 | 17.31 | 19.57 | 19.93 |
| Kabupaten Brebes | 26.63 | 21.45 | 23.10 | 25.17 | 14.64 | 14.05 | 20.84 |
| Kabupaten Cilacap | 26.79 | 21.60 | 18.45 | 23.86 | 14.97 | 17.53 | 20.53 |
| Kabupaten Demak | 30.76 | 23.02 | 24.36 | 23.98 | 15.52 | 14.74 | 22.06 |
| Kabupaten Grobogan | 21.23 | 23.63 | 18.05 | 17.59 | 13.49 | 11.95 | 17.66 |
| Kabupaten Jepara | 18.40 | 18.25 | 17.29 | 13.91 | 11.74 | 10.04 | 14.94 |
| Kabupaten Karanganyar | 21.01 | 15.70 | 15.02 | 15.07 | 7.10 | 10.77 | 14.11 |
| Kabupaten Kebumen | 28.45 | 20.52 | 17.24 | 16.28 | 10.55 | 9.57 | 17.10 |
| Kabupaten Kendal | 16.87 | 15.37 | 15.78 | 14.48 | 6.59 | 6.82 | 12.65 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Kabupaten Klaten | 12.62 | 19.76 | 20.18 | 16.07 | 8.63 | 10.41 | 14.61 |
| Kabupaten Kudus | 35.18 | 28.24 | 21.96 | 15.42 | 13.49 | 9.55 | 20.64 |
| Kabupaten Magelang | 17.03 | 20.51 | 20.18 | 15.05 | 9.30 | 10.41 | 15.41 |
| Kabupaten Pati | 20.26 | 21.67 | 20.75 | 18.78 | 15.36 | 13.86 | 18.45 |
| Kabupaten Pekalongan | 16.02 | 20.24 | 23.72 | 19.27 | 11.66 | 10.03 | 16.82 |
| Kabupaten Pemalang | 13.35 | 17.72 | 15.33 | 16.54 | 15.67 | 8.88 | 14.58 |
| Kabupaten Purbalingga | 19.23 | 23.43 | 16.94 | 15.41 | 8.69 | 12.26 | 15.99 |
| Kabupaten Purworejo | 13.93 | 20.53 | 17.21 | 14.98 | 11.94 | 12.48 | 15.18 |
| Kabupaten Rembang | 24.03 | 24.27 | 21.13 | 14.15 | 8.42 | 10.2 | 17.03 |
| Kabupaten Semarang | 19.32 | 17.03 | 18.65 | 17.02 | 10.00 | 13.28 | 15.88 |
| Kabupaten Sragen | 15.44 | 19.45 | 22.85 | 14.46 | 12.60 | 9.8 | 15.77 |
| Kabupaten Sukoharjo | 19.85 | 15.87 | 22.31 | 19.74 | 13.81 | 16.16 | 17.96 |
| Kabupaten Tegal | 24.96 | 21.28 | 19.65 | 19.65 | 12.38 | 16.14 | 19.01 |
| Kabupaten Temanggung | 22.91 | 17.72 | 11.12 | 12.13 | 5.72 | 12.57 | 13.70 |
| Kabupaten Wonogiri | 18.97 | 21.73 | 18.11 | 23.01 | 15.31 | 18.9 | 19.34 |
| Kabupaten Wonosobo | 20.13 | 21.78 | 24.20 | 25.14 | 12.92 | 13.77 | 19.66 |
| Kota Magelang | 25.45 | 26.50 | 25.33 | 27.34 | 14.60 | 19.89 | 23.19 |
| Kota Pekalongan | 23.23 | 23.88 | 16.57 | 19.09 | 13.43 | 16.68 | 18.81 |
| Kota Salatiga | 29.06 | 25.65 | 24.04 | 19.49 | 18.43 | 13.62 | 21.72 |
| Kota Semarang | 26.11 | 29.46 | 27.26 | 22.76 | 12.27 | 20.02 | 22.98 |
| Kota Surakarta | 18.31 | 26.57 | 27.37 | 27.02 | 15.31 | 15.59 | 21.70 |
| Kota Tegal | 23.14 | 20.22 | 12.40 | 15.87 | 14.13 | 13.43 | 16.53 |
| MEAN | 21.35 | 21.17 | 19.89 | 18.60 | 12.57 | 13.37 | 17.83 |
| STANDAR DEVIASI | 5.09 | 3.69 | 4.08 | 4.05 | 3.17 | 3.28 | 2.88 |

**Lampiran 7**

**Tabel Data Penelitian Sebelum Outlier**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Kab/Kota** | **Tahun** | **Pajak (X1)** | **Retribusi (X2)** | **DBH (X3)** | **DAU (X4)** | **BM(X5)** | **TKKD (Y)** |
|
| Kab Banjarnegara | 2016 | 2.27 | 1.45 | 1.93 | 53.19 | 24.17 | 13.70 |
| 2017 | 2.24 | 1.37 | 1.76 | 44.25 | 25.83 | 15.92 |
| 2018 | 2.78 | 1.47 | 1.45 | 46.25 | 22.40 | 13.49 |
| 2019 | 2.88 | 1.02 | 1.09 | 47.44 | 16.87 | 14.69 |
| 2020 | 2.78 | 0.83 | 1.65 | 45.15 | 17.16 | 14.48 |
| 2021 | 2.82 | 1.12 | 2.18 | 42.95 | 14.44 | 18.86 |
| Kab Banyumas | 2016 | 5.17 | 0.96 | 2.02 | 49.02 | 16.59 | 24.05 |
| 2017 | 6.20 | 0.86 | 1.40 | 42.65 | 18.21 | 25.95 |
| 2018 | 6.48 | 0.99 | 1.31 | 42.07 | 19.17 | 26.61 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | 2019 | 6.68 | 0.95 | 0.83 | 41.84 | 17.10 | 26.81 |
| 2020 | 6.26 | 0.71 | 1.49 | 39.24 | 11.19 | 27.15 |
| 2021 | 6.38 | 0.68 | 1.69 | 36.98 | 12.60 | 30.05 |
| Kab Batang | 2016 | 3.53 | 1.11 | 2.45 | 52.77 | 17.34 | 18.86 |
| 2017 | 4.21 | 1.17 | 2.20 | 49.74 | 13.12 | 16.35 |
| 2018 | 4.36 | 1.08 | 2.13 | 45.91 | 11.70 | 17.09 |
| 2019 | 4.66 | 0.95 | 1.79 | 46.18 | 14.80 | 17.02 |
| 2020 | 4.62 | 0.91 | 2.19 | 42.88 | 9.20 | 18.45 |
| 2021 | 5.95 | 0.89 | 3.61 | 40.49 | 13.61 | 22.74 |
| Kab Blora | 2016 | 2.21 | 0.53 | 5.97 | 50.77 | 22.35 | 11.28 |
| 2017 | 2.41 | 0.42 | 5.62 | 46.02 | 21.30 | 18.44 |
| 2018 | 2.54 | 0.41 | 5.46 | 43.70 | 23.66 | 12.64 |
| 2019 | 2.74 | 0.41 | 5.35 | 43.13 | 21.26 | 15.13 |
| 2020 | 2.64 | 0.43 | 4.87 | 40.95 | 16.55 | 20.44 |
| 2021 | 2.47 | 0.47 | 7.03 | 38.78 | 14.16 | 18.01 |
| Kab Boyolali | 2016 | 4.23 | 0.75 | 2.31 | 51.81 | 18.18 | 17.34 |
| 2017 | 4.75 | 0.68 | 2.08 | 46.62 | 19.56 | 21.86 |
| 2018 | 6.03 | 0.72 | 1.93 | 45.54 | 22.65 | 19.01 |
| 2019 | 6.35 | 0.89 | 1.59 | 44.36 | 22.28 | 21.12 |
| 2020 | 5.91 | 0.72 | 1.82 | 40.15 | 17.31 | 24.59 |
| 2021 | 6.22 | 0.93 | 2.26 | 38.88 | 19.57 | 28.21 |
| Kab Brebes | 2016 | 2.59 | 0.49 | 1.78 | 52.07 | 26.63 | 17.50 |
| 2017 | 2.85 | 0.44 | 1.28 | 46.10 | 21.45 | 26.36 |
| 2018 | 3.35 | 0.48 | 1.14 | 46.31 | 23.10 | 17.39 |
| 2019 | 3.64 | 0.43 | 0.94 | 44.35 | 25.17 | 18.00 |
| 2020 | 3.61 | 0.51 | 1.25 | 41.28 | 14.64 | 20.35 |
| 2021 | 3.93 | 0.51 | 1.52 | 39.17 | 14.05 | 21.11 |
| Kab Cilacap | 2016 | 4.93 | 1.11 | 2.60 | 49.52 | 26.79 | 21.33 |
| 2017 | 5.10 | 1.06 | 2.41 | 44.35 | 21.60 | 32.85 |
| 2018 | 6.05 | 1.42 | 2.22 | 44.35 | 18.45 | 27.36 |
| 2019 | 8.85 | 1.36 | 1.88 | 43.35 | 23.86 | 22.81 |
| 2020 | 6.45 | 0.60 | 1.72 | 40.67 | 14.97 | 25.20 |
| 2021 | 6.64 | 0.56 | 2.18 | 38.17 | 17.53 | 30.75 |
| Kab Demak | 2016 | 4.62 | 0.95 | 2.63 | 46.54 | 30.76 | 17.31 |
| 2017 | 6.26 | 1.02 | 2.18 | 43.32 | 23.02 | 18.77 |
| 2018 | 6.47 | 1.16 | 1.65 | 41.73 | 24.36 | 20.12 |
| 2019 | 6.62 | 1.80 | 1.36 | 40.07 | 23.98 | 22.08 |
| 2020 | 6.55 | 1.17 | 2.06 | 36.89 | 15.52 | 29.43 |
| 2021 | 7.01 | 1.02 | 2.25 | 36.21 | 14.74 | 24.81 |
| Kab Grobogan | 2016 | 2.64 | 1.35 | 2.56 | 50.39 | 21.23 | 13.58 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | 2017 | 2.90 | 0.56 | 1.97 | 44.98 | 23.63 | 22.24 |
| 2018 | 3.16 | 0.52 | 1.68 | 44.86 | 18.05 | 15.84 |
| 2019 | 3.71 | 0.60 | 1.33 | 44.34 | 17.59 | 16.48 |
| 2020 | 3.80 | 0.56 | 1.87 | 41.08 | 13.49 | 17.35 |
| 2021 | 3.86 | 0.44 | 2.48 | 39.25 | 11.95 | 20.60 |
| Kab Jepara | 2016 | 4.59 | 1.84 | 2.09 | 47.50 | 18.40 | 18.20 |
| 2017 | 4.04 | 0.95 | 1.66 | 45.39 | 18.25 | 18.74 |
| 2018 | 4.65 | 0.95 | 1.77 | 43.66 | 17.29 | 20.73 |
| 2019 | 5.28 | 0.89 | 1.40 | 43.08 | 13.91 | 20.06 |
| 2020 | 5.91 | 0.78 | 1.89 | 40.36 | 11.74 | 23.39 |
| 2021 | 7.15 | 0.93 | 2.79 | 39.02 | 10.04 | 21.97 |
| Kab Karanganyar | 2016 | 6.34 | 1.26 | 2.05 | 49.50 | 21.01 | 17.64 |
| 2017 | 7.38 | 1.18 | 1.93 | 47.89 | 15.70 | 25.66 |
| 2018 | 7.91 | 0.97 | 1.84 | 46.30 | 15.02 | 20.37 |
| 2019 | 8.50 | 0.50 | 1.36 | 46.73 | 15.07 | 22.72 |
| 2020 | 8.34 | 0.65 | 1.88 | 43.25 | 7.10 | 23.56 |
| 2021 | 9.00 | 0.51 | 2.37 | 41.72 | 10.77 | 25.86 |
| Kab Kebumen | 2016 | 2.41 | 0.98 | 1.66 | 48.20 | 28.45 | 12.59 |
| 2017 | 2.93 | 0.84 | 1.47 | 45.48 | 20.52 | 19.59 |
| 2018 | 3.67 | 1.41 | 1.12 | 46.75 | 17.24 | 16.29 |
| 2019 | 3.92 | 0.96 | 0.79 | 45.40 | 16.28 | 18.01 |
| 2020 | 3.65 | 0.80 | 1.27 | 43.34 | 10.55 | 18.13 |
| 2021 | 3.97 | 0.84 | 1.46 | 41.64 | 9.57 | 21.24 |
| Kab Kendal | 2016 | 4.49 | 1.11 | 3.33 | 51.51 | 16.87 | 18.24 |
| 2017 | 5.34 | 1.23 | 2.58 | 46.68 | 15.37 | 28.40 |
| 2018 | 5.61 | 1.54 | 2.22 | 44.72 | 15.78 | 19.62 |
| 2019 | 5.74 | 1.07 | 1.84 | 44.80 | 14.48 | 19.71 |
| 2020 | 6.31 | 0.94 | 1.96 | 42.68 | 6.59 | 21.38 |
| 2021 | 7.11 | 0.94 | 2.61 | 39.19 | 6.82 | 25.05 |
| Kab Klaten | 2016 | 3.35 | 1.00 | 2.23 | 53.32 | 12.62 | 12.52 |
| 2017 | 4.08 | 0.49 | 1.97 | 49.26 | 19.76 | 19.59 |
| 2018 | 4.49 | 0.51 | 1.60 | 48.02 | 20.18 | 21.54 |
| 2019 | 4.66 | 0.64 | 1.20 | 47.68 | 16.07 | 16.52 |
| 2020 | 4.50 | 0.57 | 1.63 | 45.27 | 8.63 | 18.83 |
| 2021 | 4.93 | 0.56 | 1.99 | 44.72 | 10.41 | 14.80 |
| Kab Kudus | 2016 | 4.49 | 0.89 | 12.79 | 43.71 | 35.18 | 17.55 |
| 2017 | 5.34 | 1.00 | 13.31 | 40.73 | 28.24 | 22.75 |
| 2018 | 5.72 | 0.92 | 11.80 | 40.42 | 21.96 | 21.20 |
| 2019 | 6.02 | 0.96 | 10.02 | 40.71 | 15.42 | 20.51 |
| 2020 | 6.26 | 0.92 | 10.75 | 37.55 | 13.49 | 24.57 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | 2021 | 6.87 | 1.20 | 12.32 | 34.55 | 9.55 | 31.98 |
| Kab Magelang | 2016 | 4.77 | 0.77 | 2.50 | 52.99 | 17.03 | 16.52 |
| 2017 | 4.95 | 0.90 | 2.00 | 46.67 | 20.51 | 21.65 |
| 2018 | 5.41 | 0.79 | 1.58 | 46.07 | 20.18 | 17.22 |
| 2019 | 6.09 | 0.89 | 1.10 | 42.61 | 15.05 | 20.22 |
| 2020 | 4.85 | 1.14 | 1.44 | 41.49 | 9.30 | 17.00 |
| 2021 | 4.86 | 0.86 | 1.85 | 39.48 | 10.41 | 18.93 |
| Kab Pati | 2016 | 2.63 | 0.73 | 1.81 | 49.39 | 20.26 | 14.92 |
| 2017 | 2.66 | 0.69 | 1.44 | 42.84 | 21.67 | 19.46 |
| 2018 | 2.96 | 0.71 | 1.20 | 42.66 | 20.75 | 20.27 |
| 2019 | 3.28 | 0.80 | 0.88 | 43.69 | 18.78 | 19.14 |
| 2020 | 3.68 | 0.85 | 1.51 | 41.89 | 15.36 | 17.10 |
| 2021 | 3.99 | 1.00 | 1.90 | 40.63 | 13.86 | 17.52 |
| Kab Pekalongan | 2016 | 2.28 | 0.41 | 1.86 | 51.84 | 16.02 | 21.07 |
| 2017 | 2.29 | 0.42 | 1.43 | 44.02 | 20.24 | 17.55 |
| 2018 | 3.11 | 0.48 | 1.25 | 43.55 | 23.72 | 18.21 |
| 2019 | 3.58 | 0.59 | 0.99 | 44.63 | 19.27 | 19.51 |
| 2020 | 3.60 | 0.62 | 1.49 | 42.93 | 11.66 | 25.17 |
| 2021 | 4.01 | 0.54 | 1.83 | 41.91 | 10.03 | 21.20 |
| Kab Pemalang | 2016 | 2.16 | 1.23 | 1.87 | 56.71 | 13.35 | 15.07 |
| 2017 | 2.73 | 1.19 | 1.44 | 50.02 | 17.72 | 22.20 |
| 2018 | 3.13 | 1.23 | 1.25 | 48.63 | 15.33 | 15.19 |
| 2019 | 3.32 | 1.50 | 0.93 | 46.40 | 16.54 | 16.44 |
| 2020 | 3.29 | 1.28 | 1.40 | 45.68 | 15.67 | 16.77 |
| 2021 | 3.41 | 1.10 | 1.72 | 42.53 | 8.88 | 17.60 |
| Kab Purbalingga | 2016 | 2.50 | 2.17 | 2.07 | 51.39 | 19.23 | 16.95 |
| 2017 | 2.88 | 2.36 | 1.61 | 45.02 | 23.43 | 22.30 |
| 2018 | 2.95 | 2.27 | 1.31 | 45.25 | 16.94 | 17.97 |
| 2019 | 3.00 | 0.71 | 1.00 | 44.22 | 15.41 | 18.28 |
| 2020 | 3.01 | 0.57 | 1.64 | 43.07 | 8.69 | 20.38 |
| 2021 | 3.00 | 0.60 | 1.75 | 40.39 | 12.26 | 24.07 |
| Kab Purworejo | 2016 | 2.05 | 0.52 | 1.72 | 45.47 | 13.93 | 14.93 |
| 2017 | 2.53 | 0.55 | 1.52 | 43.70 | 20.53 | 17.13 |
| 2018 | 3.36 | 0.63 | 1.26 | 45.09 | 17.21 | 16.97 |
| 2019 | 3.57 | 0.68 | 0.90 | 44.34 | 14.98 | 15.49 |
| 2020 | 3.42 | 0.56 | 1.45 | 42.93 | 11.94 | 17.15 |
| 2021 | 3.68 | 0.73 | 1.61 | 39.91 | 12.48 | 24.73 |
| Kab Rembang | 2016 | 3.09 | 1.53 | 2.75 | 50.19 | 24.03 | 17.62 |
| 2017 | 3.47 | 1.20 | 2.63 | 44.80 | 24.27 | 21.15 |
| 2018 | 5.62 | 1.20 | 2.30 | 43.20 | 21.13 | 20.71 |

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| --- | --- | --- | --- | --- | --- | --- | --- |
|  | 2019 | 5.53 | 1.04 | 2.13 | 43.90 | 14.15 | 21.32 |
| 2020 | 4.66 | 0.87 | 2.85 | 38.75 | 8.42 | 22.07 |
| 2021 | 5.71 | 0.89 | 3.45 | 37.58 | 10.20 | 28.14 |
| Kab Semarang | 2016 | 5.35 | 1.36 | 2.33 | 48.98 | 19.32 | 21.46 |
| 2017 | 7.89 | 1.45 | 2.13 | 44.58 | 17.03 | 28.64 |
| 2018 | 7.19 | 1.51 | 1.91 | 44.98 | 18.65 | 24.33 |
| 2019 | 7.55 | 1.49 | 1.39 | 43.34 | 17.02 | 25.23 |
| 2020 | 8.34 | 1.38 | 1.85 | 41.13 | 10.00 | 25.02 |
| 2021 | 7.84 | 1.15 | 2.30 | 37.11 | 13.28 | 33.17 |
| Kab Sragen | 2016 | 3.16 | 0.75 | 1.95 | 51.02 | 15.44 | 16.63 |
| 2017 | 3.78 | 0.68 | 1.57 | 47.97 | 19.45 | 22.79 |
| 2018 | 3.94 | 0.61 | 1.26 | 48.19 | 22.85 | 19.00 |
| 2019 | 4.34 | 0.61 | 0.91 | 47.08 | 14.46 | 19.91 |
| 2020 | 5.04 | 0.59 | 1.38 | 44.79 | 12.60 | 22.81 |
| 2021 | 4.59 | 0.58 | 1.66 | 42.13 | 9.80 | 31.41 |
| Kab Sukoharjo | 2016 | 9.42 | 1.21 | 1.93 | 49.69 | 19.85 | 23.88 |
| 2017 | 10.80 | 1.09 | 1.61 | 44.10 | 15.87 | 29.38 |
| 2018 | 11.48 | 1.12 | 1.29 | 44.10 | 22.31 | 28.04 |
| 2019 | 12.24 | 0.89 | 1.12 | 44.13 | 19.74 | 31.30 |
| 2020 | 11.53 | 0.82 | 1.96 | 42.11 | 13.81 | 34.76 |
| 2021 | 11.06 | 0.87 | 2.29 | 40.00 | 16.16 | 34.75 |
| Kab Tegal | 2016 | 3.23 | 0.99 | 1.89 | 53.77 | 24.96 | 17.22 |
| 2017 | 3.93 | 0.82 | 1.57 | 46.58 | 21.28 | 19.54 |
| 2018 | 4.24 | 0.71 | 1.17 | 45.34 | 19.65 | 18.53 |
| 2019 | 4.46 | 0.91 | 0.80 | 43.49 | 19.65 | 23.73 |
| 2020 | 4.72 | 0.73 | 1.37 | 40.98 | 12.38 | 25.91 |
| 2021 | 5.02 | 0.73 | 1.50 | 37.63 | 16.14 | 27.91 |
| Kab Temanggung | 2016 | 1.93 | 3.80 | 3.31 | 48.13 | 22.91 | 20.16 |
| 2017 | 2.15 | 0.94 | 3.15 | 44.60 | 17.72 | 20.99 |
| 2018 | 2.33 | 0.73 | 2.89 | 45.83 | 11.12 | 17.79 |
| 2019 | 2.84 | 0.86 | 2.41 | 44.13 | 12.13 | 18.19 |
| 2020 | 2.62 | 0.46 | 2.89 | 41.62 | 5.72 | 21.18 |
| 2021 | 2.68 | 0.48 | 3.39 | 38.21 | 12.57 | 23.61 |
| Kab Wonogiri | 2016 | 1.71 | 0.97 | 1.75 | 56.29 | 18.97 | 12.40 |
| 2017 | 2.02 | 0.89 | 1.47 | 48.55 | 21.73 | 16.86 |
| 2018 | 2.38 | 1.03 | 1.21 | 48.94 | 18.11 | 14.13 |
| 2019 | 2.47 | 0.99 | 0.91 | 48.35 | 23.01 | 13.95 |
| 2020 | 2.50 | 0.82 | 1.41 | 47.24 | 15.31 | 14.54 |
| 2021 | 2.64 | 0.68 | 1.83 | 46.01 | 18.90 | 12.52 |
| Kab Wonosobo | 2016 | 1.92 | 0.70 | 2.46 | 53.40 | 20.13 | 17.25 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | 2017 | 2.10 | 0.56 | 2.14 | 45.19 | 21.78 | 17.95 |
| 2018 | 2.24 | 0.52 | 1.87 | 44.71 | 24.20 | 16.77 |
| 2019 | 2.28 | 0.58 | 1.50 | 44.80 | 25.14 | 12.17 |
| 2020 | 2.31 | 0.36 | 1.95 | 42.53 | 12.92 | 17.02 |
| 2021 | 2.68 | 0.58 | 2.42 | 40.27 | 13.77 | 22.66 |
| Kota Magelang | 2016 | 3.09 | 0.79 | 3.61 | 53.32 | 25.45 | 35.59 |
| 2017 | 3.43 | 0.69 | 2.93 | 48.38 | 26.50 | 35.84 |
| 2018 | 3.78 | 0.62 | 2.69 | 48.46 | 25.33 | 39.08 |
| 2019 | 4.18 | 0.72 | 1.98 | 47.03 | 27.34 | 40.55 |
| 2020 | 3.80 | 0.56 | 3.00 | 44.04 | 14.60 | 45.77 |
| 2021 | 3.83 | 0.63 | 3.46 | 41.20 | 19.89 | 48.60 |
| Kota Pekalongan | 2016 | 6.16 | 1.96 | 3.75 | 53.30 | 23.23 | 28.10 |
| 2017 | 6.69 | 1.65 | 3.07 | 49.03 | 23.88 | 27.56 |
| 2018 | 7.79 | 1.77 | 2.95 | 49.61 | 16.57 | 25.79 |
| 2019 | 9.01 | 1.72 | 1.96 | 48.97 | 19.09 | 29.73 |
| 2020 | 8.00 | 1.56 | 3.04 | 45.47 | 13.43 | 32.80 |
| 2021 | 9.04 | 1.53 | 3.56 | 44.12 | 16.68 | 36.70 |
| Kota Salatiga | 2016 | 5.49 | 1.51 | 3.42 | 51.84 | 29.06 | 30.14 |
| 2017 | 5.63 | 1.18 | 2.88 | 50.76 | 25.65 | 33.26 |
| 2018 | 6.24 | 1.20 | 2.74 | 50.35 | 24.04 | 31.49 |
| 2019 | 7.15 | 1.19 | 2.03 | 50.64 | 19.49 | 35.09 |
| 2020 | 6.11 | 1.04 | 2.98 | 47.75 | 18.43 | 33.71 |
| 2021 | 6.87 | 1.58 | 3.70 | 44.18 | 13.62 | 43.39 |
| Kota Semarang | 2016 | 24.53 | 3.00 | 4.53 | 29.53 | 26.11 | 71.98 |
| 2017 | 31.06 | 2.16 | 4.49 | 30.03 | 29.46 | 82.47 |
| 2018 | 31.45 | 2.55 | 3.99 | 28.11 | 27.26 | 79.14 |
| 2019 | 34.21 | 2.49 | 2.50 | 28.85 | 22.76 | 86.61 |
| 2020 | 32.40 | 2.02 | 3.69 | 26.90 | 12.27 | 90.77 |
| 2021 | 29.96 | 2.00 | 28.59 | 1.81 | 20.02 | 102.82 |
| Kota Surakarta | 2016 | 14.80 | 3.50 | 3.85 | 49.41 | 18.31 | 33.35 |
| 2017 | 15.99 | 3.41 | 2.81 | 45.83 | 26.57 | 41.42 |
| 2018 | 18.09 | 3.03 | 2.53 | 43.99 | 27.37 | 40.28 |
| 2019 | 18.50 | 2.84 | 1.66 | 45.18 | 27.02 | 40.36 |
| 2020 | 15.25 | 2.54 | 3.20 | 43.39 | 15.31 | 38.81 |
| 2021 | 16.29 | 2.66 | 2.98 | 40.32 | 15.59 | 42.43 |
| Kota Tegal | 2016 | 5.10 | 2.01 | 3.01 | 46.69 | 23.14 | 37.65 |
| 2017 | 6.74 | 1.94 | 2.85 | 47.05 | 20.22 | 42.74 |
| 2018 | 8.49 | 1.76 | 2.59 | 48.84 | 12.40 | 40.14 |
| 2019 | 8.62 | 1.84 | 1.82 | 48.50 | 15.87 | 39.48 |
| 2020 | 8.15 | 1.74 | 2.89 | 45.07 | 14.13 | 37.00 |
| 2021 | 9.46 | 2.16 | 3.53 | 43.81 | 13.43 | 44.52 |

**Lampiran 8**

**Tabel Data Penelitian Setelah Outlier**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **X1** | **X2** | **X3** | **X4** | **X5** | **Y** |
| 2.27 | 1.45 | 1.93 | 53.19 | 24.17 | 13.70 |
| 2.24 | 1.37 | 1.76 | 44.25 | 25.83 | 15.92 |
| 2.78 | 1.47 | 1.45 | 46.25 | 22.40 | 13.49 |
| 2.88 | 1.02 | 1.09 | 47.44 | 16.87 | 14.69 |
| 2.78 | 0.83 | 1.65 | 45.15 | 17.16 | 14.48 |
| 2.82 | 1.12 | 2.18 | 42.95 | 14.44 | 18.86 |
| 5.17 | 0.96 | 2.02 | 49.02 | 16.59 | 24.05 |
| 6.20 | 0.86 | 1.40 | 42.65 | 18.21 | 25.95 |
| 6.48 | 0.99 | 1.31 | 42.07 | 19.17 | 26.61 |
| 6.68 | 0.95 | 0.83 | 41.84 | 17.10 | 26.81 |
| 6.26 | 0.71 | 1.49 | 39.24 | 11.19 | 27.15 |
| 6.38 | 0.68 | 1.69 | 36.98 | 12.60 | 30.05 |
| 3.53 | 1.11 | 2.45 | 52.77 | 17.34 | 18.86 |
| 4.21 | 1.17 | 2.20 | 49.74 | 13.12 | 16.35 |
| 4.36 | 1.08 | 2.13 | 45.91 | 11.70 | 17.09 |
| 4.66 | 0.95 | 1.79 | 46.18 | 14.80 | 17.02 |
| 4.62 | 0.91 | 2.19 | 42.88 | 9.20 | 18.45 |
| 4.23 | 0.75 | 2.31 | 51.81 | 18.18 | 17.34 |
| 4.75 | 0.68 | 2.08 | 46.62 | 19.56 | 21.86 |
| 6.03 | 0.72 | 1.93 | 45.54 | 22.65 | 19.01 |
| 6.35 | 0.89 | 1.59 | 44.36 | 22.28 | 21.12 |
| 5.91 | 0.72 | 1.82 | 40.15 | 17.31 | 24.59 |
| 6.22 | 0.93 | 2.26 | 38.88 | 19.57 | 28.21 |
| 2.59 | 0.49 | 1.78 | 52.07 | 26.63 | 17.50 |
| 2.85 | 0.44 | 1.28 | 46.10 | 21.45 | 26.36 |
| 3.35 | 0.48 | 1.14 | 46.31 | 23.10 | 17.39 |
| 3.64 | 0.43 | 0.94 | 44.35 | 25.17 | 18.00 |
| 3.61 | 0.51 | 1.25 | 41.28 | 14.64 | 20.35 |
| 3.93 | 0.51 | 1.52 | 39.17 | 14.05 | 21.11 |
| 4.93 | 1.11 | 2.60 | 49.52 | 26.79 | 21.33 |
| 5.10 | 1.06 | 2.41 | 44.35 | 21.60 | 32.85 |
| 6.05 | 1.42 | 2.22 | 44.35 | 18.45 | 27.36 |
| 8.85 | 1.36 | 1.88 | 43.35 | 23.86 | 22.81 |
| 6.45 | 0.60 | 1.72 | 40.67 | 14.97 | 25.20 |
| 6.64 | 0.56 | 2.18 | 38.17 | 17.53 | 30.75 |
| 4.62 | 0.95 | 2.63 | 46.54 | 30.76 | 17.31 |

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| --- | --- | --- | --- | --- | --- |
| 6.26 | 1.02 | 2.18 | 43.32 | 23.02 | 18.77 |
| 6.47 | 1.16 | 1.65 | 41.73 | 24.36 | 20.12 |
| 6.62 | 1.80 | 1.36 | 40.07 | 23.98 | 22.08 |
| 6.55 | 1.17 | 2.06 | 36.89 | 15.52 | 29.43 |
| 7.01 | 1.02 | 2.25 | 36.21 | 14.74 | 24.81 |
| 2.64 | 1.35 | 2.56 | 50.39 | 21.23 | 13.58 |
| 2.90 | 0.56 | 1.97 | 44.98 | 23.63 | 22.24 |
| 3.16 | 0.52 | 1.68 | 44.86 | 18.05 | 15.84 |
| 3.71 | 0.60 | 1.33 | 44.34 | 17.59 | 16.48 |
| 3.80 | 0.56 | 1.87 | 41.08 | 13.49 | 17.35 |
| 3.86 | 0.44 | 2.48 | 39.25 | 11.95 | 20.60 |
| 4.59 | 1.84 | 2.09 | 47.50 | 18.40 | 18.20 |
| 4.04 | 0.95 | 1.66 | 45.39 | 18.25 | 18.74 |
| 4.65 | 0.95 | 1.77 | 43.66 | 17.29 | 20.73 |
| 5.28 | 0.89 | 1.40 | 43.08 | 13.91 | 20.06 |
| 5.91 | 0.78 | 1.89 | 40.36 | 11.74 | 23.39 |
| 7.15 | 0.93 | 2.79 | 39.02 | 10.04 | 21.97 |
| 6.34 | 1.26 | 2.05 | 49.50 | 21.01 | 17.64 |
| 7.38 | 1.18 | 1.93 | 47.89 | 15.70 | 25.66 |
| 7.91 | 0.97 | 1.84 | 46.30 | 15.02 | 20.37 |
| 8.50 | 0.50 | 1.36 | 46.73 | 15.07 | 22.72 |
| 8.34 | 0.65 | 1.88 | 43.25 | 7.10 | 23.56 |
| 9.00 | 0.51 | 2.37 | 41.72 | 10.77 | 25.86 |
| 2.41 | 0.98 | 1.66 | 48.20 | 28.45 | 12.59 |
| 2.93 | 0.84 | 1.47 | 45.48 | 20.52 | 19.59 |
| 3.67 | 1.41 | 1.12 | 46.75 | 17.24 | 16.29 |
| 3.92 | 0.96 | 0.79 | 45.40 | 16.28 | 18.01 |
| 3.65 | 0.80 | 1.27 | 43.34 | 10.55 | 18.13 |
| 3.97 | 0.84 | 1.46 | 41.64 | 9.57 | 21.24 |
| 4.49 | 1.11 | 3.33 | 51.51 | 16.87 | 18.24 |
| 5.34 | 1.23 | 2.58 | 46.68 | 15.37 | 28.40 |
| 5.61 | 1.54 | 2.22 | 44.72 | 15.78 | 19.62 |
| 5.74 | 1.07 | 1.84 | 44.80 | 14.48 | 19.71 |
| 6.31 | 0.94 | 1.96 | 42.68 | 6.59 | 21.38 |
| 7.11 | 0.94 | 2.61 | 39.19 | 6.82 | 25.05 |
| 3.35 | 1.00 | 2.23 | 53.32 | 12.62 | 12.52 |
| 4.08 | 0.49 | 1.97 | 49.26 | 19.76 | 19.59 |
| 4.49 | 0.51 | 1.60 | 48.02 | 20.18 | 21.54 |
| 4.66 | 0.64 | 1.20 | 47.68 | 16.07 | 16.52 |
| 4.50 | 0.57 | 1.63 | 45.27 | 8.63 | 18.83 |

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| --- | --- | --- | --- | --- | --- |
| 4.93 | 0.56 | 1.99 | 44.72 | 10.41 | 14.80 |
| 4.77 | 0.77 | 2.50 | 52.99 | 17.03 | 16.52 |
| 4.95 | 0.90 | 2.00 | 46.67 | 20.51 | 21.65 |
| 5.41 | 0.79 | 1.58 | 46.07 | 20.18 | 17.22 |
| 6.09 | 0.89 | 1.10 | 42.61 | 15.05 | 20.22 |
| 4.85 | 1.14 | 1.44 | 41.49 | 9.30 | 17.00 |
| 4.86 | 0.86 | 1.85 | 39.48 | 10.41 | 18.93 |
| 2.63 | 0.73 | 1.81 | 49.39 | 20.26 | 14.92 |
| 2.66 | 0.69 | 1.44 | 42.84 | 21.67 | 19.46 |
| 2.96 | 0.71 | 1.20 | 42.66 | 20.75 | 20.27 |
| 3.28 | 0.80 | 0.88 | 43.69 | 18.78 | 19.14 |
| 3.68 | 0.85 | 1.51 | 41.89 | 15.36 | 17.10 |
| 3.99 | 1.00 | 1.90 | 40.63 | 13.86 | 17.52 |
| 2.28 | 0.41 | 1.86 | 51.84 | 16.02 | 21.07 |
| 3.11 | 0.48 | 1.25 | 43.55 | 23.72 | 18.21 |
| 3.58 | 0.59 | 0.99 | 44.63 | 19.27 | 19.51 |
| 3.60 | 0.62 | 1.49 | 42.93 | 11.66 | 25.17 |
| 4.01 | 0.54 | 1.83 | 41.91 | 10.03 | 21.20 |
| 2.73 | 1.19 | 1.44 | 50.02 | 17.72 | 22.20 |
| 3.13 | 1.23 | 1.25 | 48.63 | 15.33 | 15.19 |
| 3.32 | 1.50 | 0.93 | 46.40 | 16.54 | 16.44 |
| 3.29 | 1.28 | 1.40 | 45.68 | 15.67 | 16.77 |
| 3.41 | 1.10 | 1.72 | 42.53 | 8.88 | 17.60 |
| 3.00 | 0.71 | 1.00 | 44.22 | 15.41 | 18.28 |
| 3.01 | 0.57 | 1.64 | 43.07 | 8.69 | 20.38 |
| 3.00 | 0.60 | 1.75 | 40.39 | 12.26 | 24.07 |
| 2.05 | 0.52 | 1.72 | 45.47 | 13.93 | 14.93 |
| 2.53 | 0.55 | 1.52 | 43.70 | 20.53 | 17.13 |
| 3.36 | 0.63 | 1.26 | 45.09 | 17.21 | 16.97 |
| 3.57 | 0.68 | 0.90 | 44.34 | 14.98 | 15.49 |
| 3.42 | 0.56 | 1.45 | 42.93 | 11.94 | 17.15 |
| 3.68 | 0.73 | 1.61 | 39.91 | 12.48 | 24.73 |
| 3.09 | 1.53 | 2.75 | 50.19 | 24.03 | 17.62 |
| 3.47 | 1.20 | 2.63 | 44.80 | 24.27 | 21.15 |
| 5.62 | 1.20 | 2.30 | 43.20 | 21.13 | 20.71 |
| 5.53 | 1.04 | 2.13 | 43.90 | 14.15 | 21.32 |
| 4.66 | 0.87 | 2.85 | 38.75 | 8.42 | 22.07 |
| 5.35 | 1.36 | 2.33 | 48.98 | 19.32 | 21.46 |
| 7.89 | 1.45 | 2.13 | 44.58 | 17.03 | 28.64 |
| 7.19 | 1.51 | 1.91 | 44.98 | 18.65 | 24.33 |

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| --- | --- | --- | --- | --- | --- |
| 7.55 | 1.49 | 1.39 | 43.34 | 17.02 | 25.23 |
| 8.34 | 1.38 | 1.85 | 41.13 | 10.00 | 25.02 |
| 7.84 | 1.15 | 2.30 | 37.11 | 13.28 | 33.17 |
| 3.16 | 0.75 | 1.95 | 51.02 | 15.44 | 16.63 |
| 3.78 | 0.68 | 1.57 | 47.97 | 19.45 | 22.79 |
| 3.94 | 0.61 | 1.26 | 48.19 | 22.85 | 19.00 |
| 4.34 | 0.61 | 0.91 | 47.08 | 14.46 | 19.91 |
| 5.04 | 0.59 | 1.38 | 44.79 | 12.60 | 22.81 |
| 4.59 | 0.58 | 1.66 | 42.13 | 9.80 | 31.41 |
| 9.42 | 1.21 | 1.93 | 49.69 | 19.85 | 23.88 |
| 3.23 | 0.99 | 1.89 | 53.77 | 24.96 | 17.22 |
| 3.93 | 0.82 | 1.57 | 46.58 | 21.28 | 19.54 |
| 4.24 | 0.71 | 1.17 | 45.34 | 19.65 | 18.53 |
| 4.46 | 0.91 | 0.80 | 43.49 | 19.65 | 23.73 |
| 4.72 | 0.73 | 1.37 | 40.98 | 12.38 | 25.91 |
| 5.02 | 0.73 | 1.50 | 37.63 | 16.14 | 27.91 |
| 2.15 | 0.94 | 3.15 | 44.60 | 17.72 | 20.99 |
| 2.33 | 0.73 | 2.89 | 45.83 | 11.12 | 17.79 |
| 2.84 | 0.86 | 2.41 | 44.13 | 12.13 | 18.19 |
| 2.62 | 0.46 | 2.89 | 41.62 | 5.72 | 21.18 |
| 2.02 | 0.89 | 1.47 | 48.55 | 21.73 | 16.86 |
| 2.38 | 1.03 | 1.21 | 48.94 | 18.11 | 14.13 |
| 2.47 | 0.99 | 0.91 | 48.35 | 23.01 | 13.95 |
| 2.50 | 0.82 | 1.41 | 47.24 | 15.31 | 14.54 |
| 2.64 | 0.68 | 1.83 | 46.01 | 18.90 | 12.52 |
| 1.92 | 0.70 | 2.46 | 53.40 | 20.13 | 17.25 |
| 2.10 | 0.56 | 2.14 | 45.19 | 21.78 | 17.95 |
| 2.24 | 0.52 | 1.87 | 44.71 | 24.20 | 16.77 |
| 2.28 | 0.58 | 1.50 | 44.80 | 25.14 | 12.17 |
| 2.31 | 0.36 | 1.95 | 42.53 | 12.92 | 17.02 |
| 2.68 | 0.58 | 2.42 | 40.27 | 13.77 | 22.66 |
| 6.69 | 1.65 | 3.07 | 49.03 | 23.88 | 27.56 |
| 7.79 | 1.77 | 2.95 | 49.61 | 16.57 | 25.79 |
| 9.01 | 1.72 | 1.96 | 48.97 | 19.09 | 29.73 |
| 8.00 | 1.56 | 3.04 | 45.47 | 13.43 | 32.80 |
| 9.04 | 1.53 | 3.56 | 44.12 | 16.68 | 36.70 |
| 5.63 | 1.18 | 2.88 | 50.76 | 25.65 | 33.26 |
| 6.24 | 1.20 | 2.74 | 50.35 | 24.04 | 31.49 |
| 6.11 | 1.04 | 2.98 | 47.75 | 18.43 | 33.71 |

**Lampiran 9**

**Tabel Data Penelitian Setelah Transformasi Data**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **SQRT (X1)** | **SQRT (X2)** | **SQRT (X3)** | **SQRT (X4** | **SQRT (X5)** | **SQRT (Y)** |
| 1.51 | 1.20 | 1.39 | 7.29 | 4.92 | 3.70 |
| 1.50 | 1.17 | 1.33 | 6.65 | 5.08 | 3.99 |
| 1.67 | 1.21 | 1.20 | 6.80 | 4.73 | 3.67 |
| 1.70 | 1.01 | 1.04 | 6.89 | 4.11 | 3.83 |
| 1.67 | 0.91 | 1.28 | 6.72 | 4.14 | 3.81 |
| 1.68 | 1.06 | 1.48 | 6.55 | 3.80 | 4.34 |
| 2.27 | 0.98 | 1.42 | 7.00 | 4.07 | 4.90 |
| 2.49 | 0.93 | 1.18 | 6.53 | 4.27 | 5.09 |
| 2.55 | 0.99 | 1.14 | 6.49 | 4.38 | 5.16 |
| 2.58 | 0.97 | 0.91 | 6.47 | 4.14 | 5.18 |
| 2.50 | 0.84 | 1.22 | 6.26 | 3.35 | 5.21 |
| 2.53 | 0.82 | 1.30 | 6.08 | 3.55 | 5.48 |
| 1.88 | 1.05 | 1.57 | 7.26 | 4.16 | 4.34 |
| 2.05 | 1.08 | 1.48 | 7.05 | 3.62 | 4.04 |
| 2.09 | 1.04 | 1.46 | 6.78 | 3.42 | 4.13 |
| 2.16 | 0.97 | 1.34 | 6.80 | 3.85 | 4.13 |
| 2.15 | 0.95 | 1.48 | 6.55 | 3.03 | 4.30 |
| 2.06 | 0.87 | 1.52 | 7.20 | 4.26 | 4.16 |
| 2.18 | 0.82 | 1.44 | 6.83 | 4.42 | 4.68 |
| 2.46 | 0.85 | 1.39 | 6.75 | 4.76 | 4.36 |
| 2.52 | 0.94 | 1.26 | 6.66 | 4.72 | 4.60 |
| 2.43 | 0.85 | 1.35 | 6.34 | 4.16 | 4.96 |
| 2.49 | 0.96 | 1.50 | 6.24 | 4.42 | 5.31 |
| 1.61 | 0.70 | 1.33 | 7.22 | 5.16 | 4.18 |
| 1.69 | 0.66 | 1.13 | 6.79 | 4.63 | 5.13 |
| 1.83 | 0.69 | 1.07 | 6.81 | 4.81 | 4.17 |
| 1.91 | 0.66 | 0.97 | 6.66 | 5.02 | 4.24 |
| 1.90 | 0.71 | 1.12 | 6.42 | 3.83 | 4.51 |
| 1.98 | 0.71 | 1.23 | 6.26 | 3.75 | 4.59 |
| 2.22 | 1.05 | 1.61 | 7.04 | 5.18 | 4.62 |
| 2.26 | 1.03 | 1.55 | 6.66 | 4.65 | 5.73 |
| 2.46 | 1.19 | 1.49 | 6.66 | 4.30 | 5.23 |
| 2.97 | 1.17 | 1.37 | 6.58 | 4.88 | 4.78 |
| 2.54 | 0.77 | 1.31 | 6.38 | 3.87 | 5.02 |
| 2.58 | 0.75 | 1.48 | 6.18 | 4.19 | 5.55 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 2.15 | 0.97 | 1.62 | 6.82 | 5.55 | 4.16 |
| 2.50 | 1.01 | 1.48 | 6.58 | 4.80 | 4.33 |
| 2.54 | 1.08 | 1.28 | 6.46 | 4.94 | 4.49 |
| 2.57 | 1.34 | 1.17 | 6.33 | 4.90 | 4.70 |
| 2.56 | 1.08 | 1.44 | 6.07 | 3.94 | 5.42 |
| 2.65 | 1.01 | 1.50 | 6.02 | 3.84 | 4.98 |
| 1.62 | 1.16 | 1.60 | 7.10 | 4.61 | 3.69 |
| 1.70 | 0.75 | 1.40 | 6.71 | 4.86 | 4.72 |
| 1.78 | 0.72 | 1.30 | 6.70 | 4.25 | 3.98 |
| 1.93 | 0.77 | 1.15 | 6.66 | 4.19 | 4.06 |
| 1.95 | 0.75 | 1.37 | 6.41 | 3.67 | 4.17 |
| 1.96 | 0.66 | 1.57 | 6.26 | 3.46 | 4.54 |
| 2.14 | 1.36 | 1.45 | 6.89 | 4.29 | 4.27 |
| 2.01 | 0.97 | 1.29 | 6.74 | 4.27 | 4.33 |
| 2.16 | 0.97 | 1.33 | 6.61 | 4.16 | 4.55 |
| 2.30 | 0.94 | 1.18 | 6.56 | 3.73 | 4.48 |
| 2.43 | 0.88 | 1.37 | 6.35 | 3.43 | 4.84 |
| 2.67 | 0.96 | 1.67 | 6.25 | 3.17 | 4.69 |
| 2.52 | 1.12 | 1.43 | 7.04 | 4.58 | 4.20 |
| 2.72 | 1.09 | 1.39 | 6.92 | 3.96 | 5.07 |
| 2.81 | 0.98 | 1.36 | 6.80 | 3.88 | 4.51 |
| 2.92 | 0.71 | 1.17 | 6.84 | 3.88 | 4.77 |
| 2.89 | 0.81 | 1.37 | 6.58 | 2.66 | 4.85 |
| 3.00 | 0.71 | 1.54 | 6.46 | 3.28 | 5.09 |
| 1.55 | 0.99 | 1.29 | 6.94 | 5.33 | 3.55 |
| 1.71 | 0.92 | 1.21 | 6.74 | 4.53 | 4.43 |
| 1.92 | 1.19 | 1.06 | 6.84 | 4.15 | 4.04 |
| 1.98 | 0.98 | 0.89 | 6.74 | 4.03 | 4.24 |
| 1.91 | 0.89 | 1.13 | 6.58 | 3.25 | 4.26 |
| 1.99 | 0.92 | 1.21 | 6.45 | 3.09 | 4.61 |
| 2.12 | 1.05 | 1.82 | 7.18 | 4.11 | 4.27 |
| 2.31 | 1.11 | 1.61 | 6.83 | 3.92 | 5.33 |
| 2.37 | 1.24 | 1.49 | 6.69 | 3.97 | 4.43 |
| 2.40 | 1.03 | 1.36 | 6.69 | 3.81 | 4.44 |
| 2.51 | 0.97 | 1.40 | 6.53 | 2.57 | 4.62 |
| 2.67 | 0.97 | 1.62 | 6.26 | 2.61 | 5.00 |
| 1.83 | 1.00 | 1.49 | 7.30 | 3.55 | 3.54 |
| 2.02 | 0.70 | 1.40 | 7.02 | 4.45 | 4.43 |
| 2.12 | 0.71 | 1.26 | 6.93 | 4.49 | 4.64 |
| 2.16 | 0.80 | 1.10 | 6.91 | 4.01 | 4.06 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 2.12 | 0.75 | 1.28 | 6.73 | 2.94 | 4.34 |
| 2.22 | 0.75 | 1.41 | 6.69 | 3.23 | 3.85 |
| 2.18 | 0.88 | 1.58 | 7.28 | 4.13 | 4.06 |
| 2.22 | 0.95 | 1.41 | 6.83 | 4.53 | 4.65 |
| 2.33 | 0.89 | 1.26 | 6.79 | 4.49 | 4.15 |
| 2.47 | 0.94 | 1.05 | 6.53 | 3.88 | 4.50 |
| 2.20 | 1.07 | 1.20 | 6.44 | 3.05 | 4.12 |
| 2.20 | 0.93 | 1.36 | 6.28 | 3.23 | 4.35 |
| 1.62 | 0.85 | 1.35 | 7.03 | 4.50 | 3.86 |
| 1.63 | 0.83 | 1.20 | 6.55 | 4.66 | 4.41 |
| 1.72 | 0.84 | 1.10 | 6.53 | 4.56 | 4.50 |
| 1.81 | 0.89 | 0.94 | 6.61 | 4.33 | 4.37 |
| 1.92 | 0.92 | 1.23 | 6.47 | 3.92 | 4.14 |
| 2.00 | 1.00 | 1.38 | 6.37 | 3.72 | 4.19 |
| 1.51 | 0.64 | 1.36 | 7.20 | 4.00 | 4.59 |
| 1.76 | 0.69 | 1.12 | 6.60 | 4.87 | 4.27 |
| 1.89 | 0.77 | 0.99 | 6.68 | 4.39 | 4.42 |
| 1.90 | 0.79 | 1.22 | 6.55 | 3.41 | 5.02 |
| 2.00 | 0.73 | 1.35 | 6.47 | 3.17 | 4.60 |
| 1.65 | 1.09 | 1.20 | 7.07 | 4.21 | 4.71 |
| 1.77 | 1.11 | 1.12 | 6.97 | 3.92 | 3.90 |
| 1.82 | 1.22 | 0.96 | 6.81 | 4.07 | 4.05 |
| 1.81 | 1.13 | 1.18 | 6.76 | 3.96 | 4.10 |
| 1.85 | 1.05 | 1.31 | 6.52 | 2.98 | 4.20 |
| 1.73 | 0.84 | 1.00 | 6.65 | 3.93 | 4.28 |
| 1.73 | 0.75 | 1.28 | 6.56 | 2.95 | 4.51 |
| 1.73 | 0.77 | 1.32 | 6.36 | 3.50 | 4.91 |
| 1.43 | 0.72 | 1.31 | 6.74 | 3.73 | 3.86 |
| 1.59 | 0.74 | 1.23 | 6.61 | 4.53 | 4.14 |
| 1.83 | 0.79 | 1.12 | 6.71 | 4.15 | 4.12 |
| 1.89 | 0.82 | 0.95 | 6.66 | 3.87 | 3.94 |
| 1.85 | 0.75 | 1.20 | 6.55 | 3.46 | 4.14 |
| 1.92 | 0.85 | 1.27 | 6.32 | 3.53 | 4.97 |
| 1.76 | 1.24 | 1.66 | 7.08 | 4.90 | 4.20 |
| 1.86 | 1.10 | 1.62 | 6.69 | 4.93 | 4.60 |
| 2.37 | 1.10 | 1.52 | 6.57 | 4.60 | 4.55 |
| 2.35 | 1.02 | 1.46 | 6.63 | 3.76 | 4.62 |
| 2.16 | 0.93 | 1.69 | 6.22 | 2.90 | 4.70 |
| 2.31 | 1.17 | 1.53 | 7.00 | 4.40 | 4.63 |
| 2.81 | 1.20 | 1.46 | 6.68 | 4.13 | 5.35 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 2.68 | 1.23 | 1.38 | 6.71 | 4.32 | 4.93 |
| 2.75 | 1.22 | 1.18 | 6.58 | 4.13 | 5.02 |
| 2.89 | 1.17 | 1.36 | 6.41 | 3.16 | 5.00 |
| 2.80 | 1.07 | 1.52 | 6.09 | 3.64 | 5.76 |
| 1.78 | 0.87 | 1.40 | 7.14 | 3.93 | 4.08 |
| 1.94 | 0.82 | 1.25 | 6.93 | 4.41 | 4.77 |
| 1.98 | 0.78 | 1.12 | 6.94 | 4.78 | 4.36 |
| 2.08 | 0.78 | 0.95 | 6.86 | 3.80 | 4.46 |
| 2.24 | 0.77 | 1.17 | 6.69 | 3.55 | 4.78 |
| 2.14 | 0.76 | 1.29 | 6.49 | 3.13 | 5.60 |
| 3.07 | 1.10 | 1.39 | 7.05 | 4.46 | 4.89 |
| 1.80 | 0.99 | 1.37 | 7.33 | 5.00 | 4.15 |
| 1.98 | 0.91 | 1.25 | 6.82 | 4.61 | 4.42 |
| 2.06 | 0.84 | 1.08 | 6.73 | 4.43 | 4.30 |
| 2.11 | 0.95 | 0.89 | 6.59 | 4.43 | 4.87 |
| 2.17 | 0.85 | 1.17 | 6.40 | 3.52 | 5.09 |
| 2.24 | 0.85 | 1.22 | 6.13 | 4.02 | 5.28 |
| 1.47 | 0.97 | 1.77 | 6.68 | 4.21 | 4.58 |
| 1.53 | 0.85 | 1.70 | 6.77 | 3.33 | 4.22 |
| 1.69 | 0.93 | 1.55 | 6.64 | 3.48 | 4.26 |
| 1.62 | 0.68 | 1.70 | 6.45 | 2.39 | 4.60 |
| 1.42 | 0.94 | 1.21 | 6.97 | 4.66 | 4.11 |
| 1.54 | 1.01 | 1.10 | 7.00 | 4.26 | 3.76 |
| 1.57 | 0.99 | 0.95 | 6.95 | 4.80 | 3.73 |
| 1.58 | 0.91 | 1.19 | 6.87 | 3.91 | 3.81 |
| 1.62 | 0.82 | 1.35 | 6.78 | 4.35 | 3.54 |
| 1.39 | 0.84 | 1.57 | 7.31 | 4.49 | 4.15 |
| 1.45 | 0.75 | 1.46 | 6.72 | 4.67 | 4.24 |
| 1.50 | 0.72 | 1.37 | 6.69 | 4.92 | 4.10 |
| 1.51 | 0.76 | 1.22 | 6.69 | 5.01 | 3.49 |
| 1.52 | 0.60 | 1.40 | 6.52 | 3.59 | 4.13 |
| 1.64 | 0.76 | 1.56 | 6.35 | 3.71 | 4.76 |
| 2.59 | 1.28 | 1.75 | 7.00 | 4.89 | 5.25 |
| 2.79 | 1.33 | 1.72 | 7.04 | 4.07 | 5.08 |
| 3.00 | 1.31 | 1.40 | 7.00 | 4.37 | 5.45 |
| 2.83 | 1.25 | 1.74 | 6.74 | 3.66 | 5.73 |
| 3.01 | 1.24 | 1.89 | 6.64 | 4.08 | 6.06 |
| 2.37 | 1.09 | 1.70 | 7.12 | 5.06 | 5.77 |
| 2.50 | 1.10 | 1.66 | 7.10 | 4.90 | 5.61 |
| 2.47 | 1.02 | 1.73 | 6.91 | 4.29 | 5.81 |

**Lampiran 10**

**Hasil Uji Normalitas Sebelum Outlier Data**

|  |  |  |
| --- | --- | --- |
| **One-Sample Kolmogorov-Smirnov Test** | | |
|  | | Unstandardized Residual |
| N | | 210 |
| Normal Parametersa,b | Mean | .0000000 |
| Std. Deviation | 5.89236407 |
| Most Extreme Differences | Absolute | .145 |
| Positive | .145 |
| Negative | -.072 |
| Test Statistic | | .145 |
| Asymp. Sig. (2-tailed) | | .000c |
| a. Test distribution is Normal. | | |
| b. Calculated from data. | | |
| c. Lilliefors Significance Correction. | | |

**Lampiran 11**

**Hasil Uji Normalitas Setelah Outlier Data**

|  |  |  |
| --- | --- | --- |
| **One-Sample Kolmogorov-Smirnov Test** | | |
|  | | Unstandardized Residual |
| N | | 155 |
| Normal Parametersa,b | Mean | .0000000 |
| Std. Deviation | .36113680 |
| Most Extreme Differences | Absolute | .068 |
| Positive | .068 |
| Negative | -.030 |
| Test Statistic | | .068 |
| Asymp. Sig. (2-tailed) | | .078c |
| a. Test distribution is Normal. | | |
| b. Calculated from data. | | |
| c. Lilliefors Significance Correction. | | |

**Lampiran 12**

**Hasil Uji Multikolinearitas**

|  |  |  |  |
| --- | --- | --- | --- |
| **Coefficientsa** | | | |
| Model | | Collinearity Statistics | |
| Tolerance | VIF |
| 1 | SQRT\_X1 | .701 | 1.427 |
| SQRT\_X2 | .712 | 1.404 |
| SQRT\_X3 | .860 | 1.163 |
| SQRT\_X4 | .686 | 1.457 |
| SQRT\_X5 | .761 | 1.314 |
| a. Dependent Variable: SQRT\_Y | | | |

**Lampiran 13**

**Hasil Uji Autokorelasi**

|  |  |
| --- | --- |
| **Model Summaryb** | |
| Model | Durbin-Watson |
| 1 | 1.286 |
| a. Predictors: (Constant), SQRT\_X5, SQRT\_X3, SQRT\_X1, SQRT\_X2, SQRT\_X4 | |
| b. Dependent Variable: SQRT\_Y | |

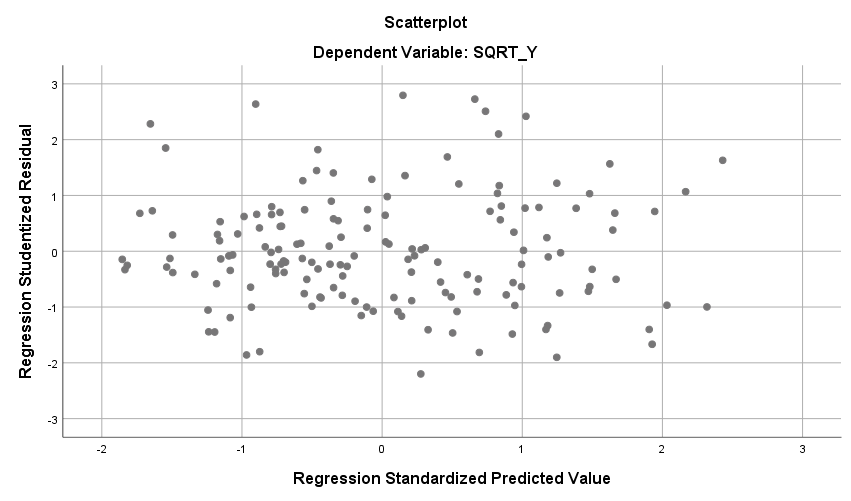
**Lampiran 14**

**Hasil Uji Heteroskedastisitas**

1. Uji *Rank Spearman Rho*

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Correlations** | | | | | | | | |
|  | | | SQRT\_X1 | SQRT\_X2 | SQRT\_X3 | SQRT\_X4 | SQRT\_X5 | Unstandardized Residual |
| Spearman's rho | SQRT\_X1 | Correlation Coefficient | 1.000 | .355\*\* | .237\*\* | -.259\*\* | -.170\* | -.017 |
| Sig. (2-tailed) | . | .000 | .003 | .001 | .034 | .835 |
| N | 155 | 155 | 155 | 155 | 155 | 155 |
| SQRT\_X2 | Correlation Coefficient | .355\*\* | 1.000 | .296\*\* | .223\*\* | .168\* | -.020 |
| Sig. (2-tailed) | .000 | . | .000 | .005 | .037 | .803 |
| N | 155 | 155 | 155 | 155 | 155 | 155 |
| SQRT\_X3 | Correlation Coefficient | .237\*\* | .296\*\* | 1.000 | .120 | -.041 | -.051 |
| Sig. (2-tailed) | .003 | .000 | . | .136 | .610 | .528 |
| N | 155 | 155 | 155 | 155 | 155 | 155 |
| SQRT\_X4 | Correlation Coefficient | -.259\*\* | .223\*\* | .120 | 1.000 | .471\*\* | -.023 |
| Sig. (2-tailed) | .001 | .005 | .136 | . | .000 | .776 |
| N | 155 | 155 | 155 | 155 | 155 | 155 |
| SQRT\_X5 | Correlation Coefficient | -.170\* | .168\* | -.041 | .471\*\* | 1.000 | .012 |
| Sig. (2-tailed) | .034 | .037 | .610 | .000 | . | .884 |
| N | 155 | 155 | 155 | 155 | 155 | 155 |
| Unstandardized Residual | Correlation Coefficient | -.017 | -.020 | -.051 | -.023 | .012 | 1.000 |
| Sig. (2-tailed) | .835 | .803 | .528 | .776 | .884 | . |
| N | 155 | 155 | 155 | 155 | 155 | 155 |
| \*\*. Correlation is significant at the 0.01 level (2-tailed). | | | | | | | | |
| \*. Correlation is significant at the 0.05 level (2-tailed). | | | | | | | | |

1. Grafik Scatterplot



**Lampiran 15**

**Hasil Uji Statistik F (Uji Kelayakan Model)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ANOVAa** | | | | | | |
| Model | | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 23.376 | 5 | 4.675 | 34.684 | .000b |
| Residual | 20.085 | 149 | .135 |  |  |
| Total | 43.461 | 154 |  |  |  |
| a. Dependent Variable: SQRT\_Y | | | | | | |
| b. Predictors: (Constant), SQRT\_X5, SQRT\_X3, SQRT\_X1, SQRT\_X2, SQRT\_X4 | | | | | | |

**Lampiran 16**

**Hasil Uji Statistik t**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Coefficientsa** | | | | | | |
| Model | | Unstandardized Coefficients | | Standardized Coefficients | t | Sig. |
| B | Std. Error | Beta |
| 1 | (Constant) | 5.277 | .803 |  | 6.576 | .000 |
| SQRT\_X1 | .760 | .084 | .599 | 9.007 | .000 |
| SQRT\_X2 | -.299 | .203 | -.097 | -1.474 | .143 |
| SQRT\_X3 | .595 | .153 | .234 | 3.902 | .000 |
| SQRT\_X4 | -.486 | .126 | -.260 | -3.866 | .000 |
| SQRT\_X5 | .097 | .055 | .113 | 1.766 | .079 |
| a. Dependent Variable: SQRT\_Y | | | | | | |