DAFTAR PUSTAKA

Anisa, D. F. (2019). *Sektor Pariwisata Berpeluang Geser Sawit sebagai Penyumbang Devisa Terbesar*. http://www.beritasatu.com.

Ariyanti, G. (2010, November). Dekomposisi Nilai Singular dan Aplikasinya. In *Prosiding Seminar Nasional Matematika dan Pendidikan Matematika*.

Asrof, A. (2017). Peramalan Produksi Cabai Merah di Jawa Barat Menggunakan Metode Singular Spectrum Analysis (SSA). *Statistika*, *17*(2), 77-87.

Tiro, H. M. A., & BA, D. (2006). Analisis Deret Waktu.

Box, G. E., Jenkins, G. M., Reinsel, G. C., & Ljung, G. M. (2015). *Time series analysis: forecasting and control*. John Wiley & Sons.

Darmawan, G. (2016). Identifikasi Pola Data Curah Hujan Pada Proses Grouping dalam Metode Singular Spectrum Analysis.

Darmawan, G., Hendrawati, T., & Arisanti, R. (2015). Model Auto Singular Spectrum untuk meramalkan kejadian banjir di Bandung dan sekitarnya. *Yogyakarta: UNY*.

Golyandina, N., Nekrutkin, V., & Zhigljavsky, A. A. (2001). *Analysis of time series structure: SSA and related techniques*. CRC press.

Golyandina, N., & Shlemov, A. (2013). Variations of singular spectrum analysis for separability improvement: non-orthogonal decompositions of time series. *arXiv preprint arXiv:1308.4022*.

Hanke, J. E., & Wichern, D. W. (2005). *Business forecasting*. Pearson Educación.

Hanke, J. E., & Wichern, D. (2013). *Business Forecasting: Pearson New International Edition PDF eBook*. Pearson Higher Ed.

Hardi, D. T., Safitri, D., & Rusgiyono, A. (2019). PERAMALAN PRODUK DOMESTIK BRUTO (PDB) SEKTOR PERTANIAN, KEHUTANAN, DAN PERIKANAN MENGGUNAKAN SINGULAR SPECTRUM ANALYSIS (SSA). *Jurnal Gaussian*, *8*(1), 68-80.

Hassani, H. 2007. *Singular Spectrum Analysis: Methodology and Comparison. Journal of Data Science*, 239-257.

Hassani, H., Heravi, S., & Zhigljavsky, A. (2009). Forecasting European industrial production with singular spectrum analysis. *International journal of forecasting*, *25*(1), 103-118.

Lim, C., & McAleer, M. (2002). Time series forecasts of international travel demand for Australia. *Tourism Management*, *23*(4), 389-396.

Jatmiko, Y. A., Rahayu, R. L., & Darmawan, G. (2017). Perbandingan Keakuratan Hasil Peramalan Produksi Bawang Merah Metode Holt-Winters dengan Singular Spectrum Analysis (SSA). *Jurnal Matematika "MANTIK*, *3*(1), 13.

Kafara, Z., Rumlawang, F. Y., & Sinay, L. J. (2017). Peramalan Curah Hujan Dengan Pendekatan Seasonal Autoregressive Integrated Moving Average (SARIMA). *Barekeng: Jurnal Ilmu Matematika dan Terapan*, *11*(1), 63-74.

Khaeri, H., Yulian, E., & Darmawan, G. (2018). Penerapan Metode Singular Spectrum Analysis (SSA) Pada Peramalan Jumlah Penumpang Kereta Api di Indonesia Tahun 2017. *Euclid*, *5*(1), 8-20.

Makridakis, Spyros dan Wheelwright, Steven C. 1999, *Metode dan Aplikasi Peramalan*. Jakarta : Binarupa Aksara.

Marwati, A. S. (2012). *Perbandingan Stabilitas Hasil Peramalan Suhu R dan V Forecasting SSA Untuk Long Horizon* (Doctoral dissertation, Tesis. Fakultas MIPA, Universitas Padjajaran. Bandung).

Rajagopalan, S., & Santoso, S. (2009, July). Wind power forecasting and error analysis using the autoregressive moving average modeling. In *2009 IEEE Power & Energy Society General Meeting* (pp. 1-6). IEEE.

Sari, M. A. N., Sumarjaya, I. W., & Susilawati, M. (2019). Peramalan Jumlah Kunjungan Wisatawan Mancanegara ke Bali Menggunakan Metode Singular Spectrum Analysis. *E-Jurnal Matematika*, *8*(4), 303-308.

Vile, J. L., Gillard, J. W., Harper, P. R., & Knight, V. A. (2012). Predicting ambulance demand using singular spectrum analysis. *Journal of the Operational Research Society*, *63*(11), 1556-1565.

Wei, W. W. (2006). Time series analysis: univariate and multivariate. *Methods. Boston, MA: Pearson Addison Wesley*.

Li, G., Wong, K. K., Song, H., & Witt, S. F. (2006). Tourism demand forecasting: A time varying parameter error correction model. *Journal of Travel Research*, *45*(2), 175-185.

LAMPIRAN

Lampiran 1. Data Kunjungan Wisatawan Mancanegara ke Taman Nasional Taka Bonerate 2011-2018

No.	Bulan	Jumlah kunjungan wisman
1.	Januari 2011	24
2.	Februari 2011	52
3.	Maret 2011	44
4.	April 2011	51
5.	Mei 2011	40
6.	Juni 2011	83
7.	Juli 2011	72
8.	Agustus 2011	50
9.	September 2011	44
10.	Oktober 2011	77
11.	Novembar 2011	61
12.	Desember 2011	56
13.	Januari 2012	43
14.	Februari 2012	30
15.	Maret 2012	48
16.	April 2012	57
17.	Mei 2012	67
18.	Juni 2012	89
19.	Juli 2012	55
20.	Agustus 2012	60
21.	September 2012	54
22.	Oktober 2012	59
⋮	⋮	⋮
95.	November 2018	49
96.	Desember 2018	41

Sumber: Balai Taman Nasional Taka Bonerate Kab. Kep. Selayar

Lampiran 2. Hasil *Output* Matriks Lintasan

	[,1]	[,2]	[,3]	[,4]	[,5]	[,6]	[,7]	[,8]	[,9]	[,10]	[,11]	[,12]	[,13]
[1,]	24	52	44	51	40	83	72	50	44	77	61	56	43
[2,]	52	44	51	40	83	72	50	44	77	61	56	43	30
[3,]	44	51	40	83	72	50	44	77	61	56	43	30	48
[4,]	51	40	83	72	50	44	77	61	56	43	30	48	57
[5,]	40	83	72	50	44	77	61	56	43	30	48	57	67
[6,]	83	72	50	44	77	61	56	43	30	48	57	67	89
[7,]	72	50	44	77	61	56	43	30	48	57	67	89	55
[8,]	50	44	77	61	56	43	30	48	57	67	89	55	60
[9,]	44	77	61	56	43	30	48	57	67	89	55	60	54
[10,]	77	61	56	43	30	48	57	67	89	55	60	54	59
[11,]	61	56	43	30	48	57	67	89	55	60	54	59	51
[12,]	56	43	30	48	57	67	89	55	60	54	59	51	62
[13,]	43	30	48	57	67	89	55	60	54	59	51	62	57
[14,]	30	48	57	67	89	55	60	54	59	51	62	57	55
[15,]	48	57	67	89	55	60	54	59	51	62	57	55	94
[16,]	57	67	89	55	60	54	59	51	62	57	55	94	46
[17,]	67	89	55	60	54	59	51	62	57	55	94	46	65
[18,]	89	55	60	54	59	51	62	57	55	94	46	65	50
[19,]	55	60	54	59	51	62	57	55	94	46	65	50	48
[20,]	60	54	59	51	62	57	55	94	46	65	50	48	71
[21,]	54	59	51	62	57	55	94	46	65	50	48	71	77
[22,]	59	51	62	57	55	94	46	65	50	48	71	77	80
[23,]	51	62	57	55	94	46	65	50	48	71	77	80	43
[24,]	62	57	55	94	46	65	50	48	71	77	80	43	66
[25,]	57	55	94	46	65	50	48	71	77	80	43	66	59
[26,]	55	94	46	65	50	48	71	77	80	43	66	59	54
[27,]	94	46	65	50	48	71	77	80	43	66	59	54	69
[28,]	46	65	50	48	71	77	80	43	66	59	54	69	84
[29,]	65	50	48	71	77	80	43	66	59	54	69	84	62
[30,]	50	48	71	77	80	43	66	59	54	69	84	62	44
[31,]	48	71	77	80	43	66	59	54	69	84	62	44	68
[32,]	71	77	80	43	66	59	54	69	84	62	44	68	78
[33,]	77	80	43	66	59	54	69	84	62	44	68	78	75
[34,]	80	43	66	59	54	69	84	62	44	68	78	75	102
[35,]	43	66	59	54	69	84	62	44	68	78	75	102	96
[36,]	66	59	54	69	84	62	44	68	78	75	102	96	90
[37,]	59	54	69	84	62	44	68	78	75	102	96	90	55
[38,]	54	69	84	62	44	68	78	75	102	96	90	55	67

Lampiran 2. Lanjutan Hasil *Output* Matriks Lintasan

	[,14]	[,15]	[,16]	[,17]	[,18]	[,19]	[,20]	[,21]	[,22]	[,23]	[,24]
[1,]	30	48	57	67	89	55	60	54	59	51	62
[2,]	48	57	67	89	55	60	54	59	51	62	57
[3,]	57	67	89	55	60	54	59	51	62	57	55
[4,]	67	89	55	60	54	59	51	62	57	55	94
[5,]	89	55	60	54	59	51	62	57	55	94	46
[6,]	55	60	54	59	51	62	57	55	94	46	65
[7,]	60	54	59	51	62	57	55	94	46	65	50
[8,]	54	59	51	62	57	55	94	46	65	50	48
[9,]	59	51	62	57	55	94	46	65	50	48	71
[10,]	51	62	57	55	94	46	65	50	48	71	77
[11,]	62	57	55	94	46	65	50	48	71	77	80
[12,]	57	55	94	46	65	50	48	71	77	80	43
[13,]	55	94	46	65	50	48	71	77	80	43	66
[14,]	94	46	65	50	48	71	77	80	43	66	59
[15,]	46	65	50	48	71	77	80	43	66	59	54
[16,]	65	50	48	71	77	80	43	66	59	54	69
[17,]	50	48	71	77	80	43	66	59	54	69	84
[18,]	48	71	77	80	43	66	59	54	69	84	62
[19,]	71	77	80	43	66	59	54	69	84	62	44
[20,]	77	80	43	66	59	54	69	84	62	44	68
[21,]	80	43	66	59	54	69	84	62	44	68	78
[22,]	43	66	59	54	69	84	62	44	68	78	75
[23,]	66	59	54	69	84	62	44	68	78	75	102
[24,]	59	54	69	84	62	44	68	78	75	102	96
[25,]	54	69	84	62	44	68	78	75	102	96	90
[26,]	69	84	62	44	68	78	75	102	96	90	55
[27,]	84	62	44	68	78	75	102	96	90	55	67
[28,]	62	44	68	78	75	102	96	90	55	67	85
[29,]	44	68	78	75	102	96	90	55	67	85	63
[30,]	68	78	75	102	96	90	55	67	85	63	70
[31,]	78	75	102	96	90	55	67	85	63	70	58
[32,]	75	102	96	90	55	67	85	63	70	58	67
[33,]	102	96	90	55	67	85	63	70	58	67	62
[34,]	96	90	55	67	85	63	70	58	67	62	56
[35,]	90	55	67	85	63	70	58	67	62	56	73
[36,]	55	67	85	63	70	58	67	62	56	73	82
[37,]	67	85	63	70	58	67	62	56	73	82	65
[38,]	85	63	70	58	67	62	56	73	82	65	51

Lampiran 2. Lanjutan Hasil *Output* Matriks Lintasan

	[,25]	[,26]	[,27]	[,28]	[,29]	[,30]	[,31]	[,32]	[,33]	[,34]	[,35]
[1,]	57	55	94	46	65	50	48	71	77	80	43
[2,]	55	94	46	65	50	48	71	77	80	43	66
[3,]	94	46	65	50	48	71	77	80	43	66	59
[4,]	46	65	50	48	71	77	80	43	66	59	54
[5,]	65	50	48	71	77	80	43	66	59	54	69
[6,]	50	48	71	77	80	43	66	59	54	69	84
[7,]	48	71	77	80	43	66	59	54	69	84	62
[8,]	71	77	80	43	66	59	54	69	84	62	44
[9,]	77	80	43	66	59	54	69	84	62	44	68
[10,]	80	43	66	59	54	69	84	62	44	68	78
[11,]	43	66	59	54	69	84	62	44	68	78	75
[12,]	66	59	54	69	84	62	44	68	78	75	102
[13,]	59	54	69	84	62	44	68	78	75	102	96
[14,]	54	69	84	62	44	68	78	75	102	96	90
[15,]	69	84	62	44	68	78	75	102	96	90	55
[16,]	84	62	44	68	78	75	102	96	90	55	67
[17,]	62	44	68	78	75	102	96	90	55	67	85
[18,]	44	68	78	75	102	96	90	55	67	85	63
[19,]	68	78	75	102	96	90	55	67	85	63	70
[20,]	78	75	102	96	90	55	67	85	63	70	58
[21,]	75	102	96	90	55	67	85	63	70	58	67
[22,]	102	96	90	55	67	85	63	70	58	67	62
[23,]	96	90	55	67	85	63	70	58	67	62	56
[24,]	90	55	67	85	63	70	58	67	62	56	73
[25,]	55	67	85	63	70	58	67	62	56	73	82
[26,]	67	85	63	70	58	67	62	56	73	82	65
[27,]	85	63	70	58	67	62	56	73	82	65	51
[28,]	63	70	58	67	62	56	73	82	65	51	73
[29,]	70	58	67	62	56	73	82	65	51	73	125
[30,]	58	67	62	56	73	82	65	51	73	125	67
[31,]	67	62	56	73	82	65	51	73	125	67	64
[32,]	62	56	73	82	65	51	73	125	67	64	49
[33,]	56	73	82	65	51	73	125	67	64	49	60
[34,]	73	82	65	51	73	125	67	64	49	60	79
[35,]	82	65	51	73	125	67	64	49	60	79	77
[36,]	65	51	73	125	67	64	49	60	79	77	88
[37,]	51	73	125	67	64	49	60	79	77	88	119
[38,]	73	125	67	64	49	60	79	77	88	119	77

Lampiran 2. Lanjutan Hasil *Output* Matriks Lintasan

	[,36]	[,37]	[,38]	[,39]	[,40]	[,41]	[,42]	[,43]	[,44]	[,45]	[,46]
[1,]	66	59	54	69	84	62	44	68	78	75	102
[2,]	59	54	69	84	62	44	68	78	75	102	96
[3,]	54	69	84	62	44	68	78	75	102	96	90
[4,]	69	84	62	44	68	78	75	102	96	90	55
[5,]	84	62	44	68	78	75	102	96	90	55	67
[6,]	62	44	68	78	75	102	96	90	55	67	85
[7,]	44	68	78	75	102	96	90	55	67	85	63
[8,]	68	78	75	102	96	90	55	67	85	63	70
[9,]	78	75	102	96	90	55	67	85	63	70	58
[10,]	75	102	96	90	55	67	85	63	70	58	67
[11,]	102	96	90	55	67	85	63	70	58	67	62
[12,]	96	90	55	67	85	63	70	58	67	62	56
[13,]	90	55	67	85	63	70	58	67	62	56	73
[14,]	55	67	85	63	70	58	67	62	56	73	82
[15,]	67	85	63	70	58	67	62	56	73	82	65
[16,]	85	63	70	58	67	62	56	73	82	65	51
[17,]	63	70	58	67	62	56	73	82	65	51	73
[18,]	70	58	67	62	56	73	82	65	51	73	125
[19,]	58	67	62	56	73	82	65	51	73	125	67
[20,]	67	62	56	73	82	65	51	73	125	67	64
[21,]	62	56	73	82	65	51	73	125	67	64	49
[22,]	56	73	82	65	51	73	125	67	64	49	60
[23,]	73	82	65	51	73	125	67	64	49	60	79
[24,]	82	65	51	73	125	67	64	49	60	79	77
[25,]	65	51	73	125	67	64	49	60	79	77	88
[26,]	51	73	125	67	64	49	60	79	77	88	119
[27,]	73	125	67	64	49	60	79	77	88	119	77
[28,]	125	67	64	49	60	79	77	88	119	77	72
[29,]	67	64	49	60	79	77	88	119	77	72	55
[30,]	64	49	60	79	77	88	119	77	72	55	49
[31,]	49	60	79	77	88	119	77	72	55	49	59
[32,]	60	79	77	88	119	77	72	55	49	59	87
[33,]	79	77	88	119	77	72	55	49	59	87	81
[34,]	77	88	119	77	72	55	49	59	87	81	77
[35,]	88	119	77	72	55	49	59	87	81	77	85
[36,]	119	77	72	55	49	59	87	81	77	85	112
[37,]	77	72	55	49	59	87	81	77	85	112	189
[38,]	72	55	49	59	87	81	77	85	112	189	72

Lampiran 2. Lanjutan Hasil *Output* Matriks Lintasan

	[,47]	[,48]	[,49]	[,50]	[,51]	[,52]	[,53]	[,54]	[,55]	[,56]	[,57]
[1,]	96	90	55	67	85	63	70	58	67	62	56
[2,]	90	55	67	85	63	70	58	67	62	56	73
[3,]	55	67	85	63	70	58	67	62	56	73	82
[4,]	67	85	63	70	58	67	62	56	73	82	65
[5,]	85	63	70	58	67	62	56	73	82	65	51
[6,]	63	70	58	67	62	56	73	82	65	51	73
[7,]	70	58	67	62	56	73	82	65	51	73	125
[8,]	58	67	62	56	73	82	65	51	73	125	67
[9,]	67	62	56	73	82	65	51	73	125	67	64
[10,]	62	56	73	82	65	51	73	125	67	64	49
[11,]	56	73	82	65	51	73	125	67	64	49	60
[12,]	73	82	65	51	73	125	67	64	49	60	79
[13,]	82	65	51	73	125	67	64	49	60	79	77
[14,]	65	51	73	125	67	64	49	60	79	77	88
[15,]	51	73	125	67	64	49	60	79	77	88	119
[16,]	73	125	67	64	49	60	79	77	88	119	77
[17,]	125	67	64	49	60	79	77	88	119	77	72
[18,]	67	64	49	60	79	77	88	119	77	72	55
[19,]	64	49	60	79	77	88	119	77	72	55	49
[20,]	49	60	79	77	88	119	77	72	55	49	59
[21,]	60	79	77	88	119	77	72	55	49	59	87
[22,]	79	77	88	119	77	72	55	49	59	87	81
[23,]	77	88	119	77	72	55	49	59	87	81	77
[24,]	88	119	77	72	55	49	59	87	81	77	85
[25,]	119	77	72	55	49	59	87	81	77	85	112
[26,]	77	72	55	49	59	87	81	77	85	112	189
[27,]	72	55	49	59	87	81	77	85	112	189	72
[28,]	55	49	59	87	81	77	85	112	189	72	53
[29,]	49	59	87	81	77	85	112	189	72	53	43
[30,]	59	87	81	77	85	112	189	72	53	43	38
[31,]	87	81	77	85	112	189	72	53	43	38	77
[32,]	81	77	85	112	189	72	53	43	38	77	89
[33,]	77	85	112	189	72	53	43	38	77	89	70
[34,]	85	112	189	72	53	43	38	77	89	70	74
[35,]	112	189	72	53	43	38	77	89	70	74	67
[36,]	189	72	53	43	38	77	89	70	74	67	78
[37,]	72	53	43	38	77	89	70	74	67	78	92
[38,]	53	43	38	77	89	70	74	67	78	92	59

Lampiran 2. Lanjutan Hasil *Output* Matriks Lintasan

	[,58]	[,59]
[1,]	73	82
[2,]	82	65
[3,]	65	51
[4,]	51	73
[5,]	73	125
[6,]	125	67
[7,]	67	64
[8,]	64	49
[9,]	49	60
[10,]	60	79
[11,]	79	77
[12,]	77	88
[13,]	88	119
[14,]	119	77
[15,]	77	72
[16,]	72	55
[17,]	55	49
[18,]	49	59
[19,]	59	87
[20,]	87	81
[21,]	81	77
[22,]	77	85
[23,]	85	112
[24,]	112	189
[25,]	189	72
[26,]	72	53
[27,]	53	43
[28,]	43	38
[29,]	38	77
[30,]	77	89
[31,]	89	70
[32,]	70	74
[33,]	74	67
[34,]	67	78
[35,]	78	92
[36,]	92	59
[37,]	59	49
[38,]	49	41

Lampiran 3. Hasil *Output* Matriks Simetris

	V1	V2	V3	V4	V5	V6	V7	V8
1	349182	329033	316544	311128	310322	315214	314962	312798
2	329033	350982	330918	316662	312076	311667	316656	314760
3	316544	330918	352937	330865	317434	313336	313070	316198
4	311128	316662	330865	351305	328877	316143	312436	310768
5	310322	312076	317434	328877	349241	327861	315659	309468
6	315214	311667	313336	316143	327861	349086	328102	313583
7	314962	316656	313070	312436	315659	328102	349638	326552
8	312798	314760	316198	310768	309468	313583	326552	346466
9	313929	312878	314630	314218	308328	307858	312443	323772
10	311800	314115	312807	312174	311230	306391	306510	308977
11	315201	311357	313378	310242	308770	308766	304498	303020
12	323783	319189	315699	315178	314266	313044	312894	306198
13	318089	325265	320712	315527	315622	315147	314068	312352
14	311226	319279	326430	320036	315211	315877	315643	312882
15	307916	311932	319843	324848	318372	314369	315455	313291
16	298719	303176	306037	310885	311540	307557	305327	303917
17	296286	297608	301582	301966	305301	307347	304242	299871
18	298462	295987	297007	298889	298466	302829	305486	300544
19	298666	298845	296174	295044	296605	297080	301930	302668
20	304706	298590	298506	293760	291992	294522	295558	298576
21	296338	306390	300201	297200	292876	292059	295012	293392
22	292101	297872	307921	299601	297132	293433	292863	293862
23	295635	293455	299233	307481	299653	297699	294197	291973
24	297081	296212	293928	298052	306261	299059	297422	292431
25	294442	295899	294664	290970	293828	302955	296365	293534
26	289327	293822	294964	291970	287326	291133	300849	292731
27	284451	287752	291687	290351	285502	282356	287136	294731
28	281544	284442	287466	289118	287135	283335	280791	283552
29	281251	282930	285751	286234	288194	287058	283643	278789
30	284299	280608	281963	282982	282486	285420	284889	279909
31	284695	284789	280968	280573	281462	281656	284950	282849
32	284567	286934	287140	281173	281825	283184	283485	284780
33	279691	286840	289276	286933	281925	283224	284789	282733
34	278754	279304	286197	287043	283969	279779	281575	281751
35	280047	276638	276545	281015	279623	278146	275025	274773
36	277887	279650	275965	274130	277819	277317	276379	271735
37	279434	278864	280583	275192	273598	277845	277592	275101
38	273500	278185	277263	277780	271132	270376	275194	273934

Lampiran 3. Lanjutan Hasil *Output* Matriks Simetris

	V9	V10	V11	V12	V13	V14	V15	V16
1	313929	311800	315201	323783	318089	311226	307916	298719
2	312878	314115	311357	319189	325265	319279	311932	303176
3	314630	312807	313378	315699	320712	326430	319843	306037
4	314218	312174	310242	315178	315527	320036	324848	310885
5	308328	311230	308770	314266	315622	315211	318372	311540
6	307858	306391	308766	313044	315147	315877	314369	307557
7	312443	306510	304498	312894	314068	315643	315455	305327
8	323772	308977	303020	306198	312352	312882	313291	303917
9	344066	320792	305887	305060	305938	311492	310942	302611
10	320792	340370	316929	308615	304808	304926	309114	297436
11	305887	316929	336557	318327	307834	303349	302234	296907
12	305060	308615	318327	343949	321863	311178	306441	299846
13	305938	304808	307834	321863	345125	322719	311492	301119
14	311492	304926	303349	311178	322719	345565	322437	304382
15	310942	309114	302234	306441	311492	322437	344225	311991
16	302611	297436	296907	299846	301119	304382	311991	311105
17	299027	296478	291526	298197	298275	298546	299976	293832
18	296621	294972	292417	293372	297512	296848	295774	286665
19	298154	293668	291803	295131	293361	296851	295024	284281
20	299748	294520	289961	293895	294673	292203	294429	282520
21	296936	297790	291915	295021	295049	295135	291457	282525
22	292612	296040	296329	295971	296169	295741	295041	283723
23	293282	291956	294889	299825	296999	296821	295747	288687
24	290523	291507	289929	297311	300100	296820	295837	287800
25	288891	286065	287343	290013	295865	297994	293496	283759
26	290294	284833	282114	288459	289067	294235	295116	281136
27	287201	283343	278246	282856	286422	285952	289139	275481
28	291621	283334	279373	280636	282427	285235	283398	275618
29	282012	289773	280947	283685	281560	282735	284465	272772
30	275459	277841	285714	282081	282708	279881	279775	271778
31	278209	273369	275521	288134	282251	282378	278661	270985
32	283019	278528	272908	280427	289987	283758	283314	273072
33	284450	282718	277418	278278	282240	291326	284296	275451
34	280043	281087	279399	278632	277597	280969	288982	273673
35	275551	272233	273808	279443	276062	273879	275131	267958
36	271863	271914	268636	275170	278724	274701	271351	263578
37	270765	270704	270379	271586	275837	278985	274253	264364
38	271751	266540	266803	270165	270111	273760	275793	263192

Lampiran 3. Lanjutan Hasil *Output* Matriks Simetris

	V17	V18	V19	V20	V21	V22	V23	V24
1	313929	311800	315201	323783	318089	311226	307916	298719
2	312878	314115	311357	319189	325265	319279	311932	303176
3	314630	312807	313378	315699	320712	326430	319843	306037
4	314218	312174	310242	315178	315527	320036	324848	310885
5	308328	311230	308770	314266	315622	315211	318372	311540
6	307858	306391	308766	313044	315147	315877	314369	307557
7	312443	306510	304498	312894	314068	315643	315455	305327
8	323772	308977	303020	306198	312352	312882	313291	303917
9	344066	320792	305887	305060	305938	311492	310942	302611
10	320792	340370	316929	308615	304808	304926	309114	297436
11	305887	316929	336557	318327	307834	303349	302234	296907
12	305060	308615	318327	343949	321863	311178	306441	299846
13	305938	304808	307834	321863	345125	322719	311492	301119
14	311492	304926	303349	311178	322719	345565	322437	304382
15	310942	309114	302234	306441	311492	322437	344225	311991
16	302611	297436	296907	299846	301119	304382	311991	311105
17	299027	296478	291526	298197	298275	298546	299976	293832
18	296621	294972	292417	293372	297512	296848	295774	286665
19	298154	293668	291803	295131	293361	296851	295024	284281
20	299748	294520	289961	293895	294673	292203	294429	282520
21	296936	297790	291915	295021	295049	295135	291457	282525
22	292612	296040	296329	295971	296169	295741	295041	283723
23	293282	291956	294889	299825	296999	296821	295747	288687
24	290523	291507	289929	297311	300100	296820	295837	287800
25	288891	286065	287343	290013	295865	297994	293496	283759
26	290294	284833	282114	288459	289067	294235	295116	281136
27	287201	283343	278246	282856	286422	285952	289139	275481
28	291621	283334	279373	280636	282427	285235	283398	275618
29	282012	289773	280947	283685	281560	282735	284465	272772
30	275459	277841	285714	282081	282708	279881	279775	271778
31	278209	273369	275521	288134	282251	282378	278661	270985
32	283019	278528	272908	280427	289987	283758	283314	273072
33	284450	282718	277418	278278	282240	291326	284296	275451
34	280043	281087	279399	278632	277597	280969	288982	273673
35	275551	272233	273808	279443	276062	273879	275131	267958
36	271863	271914	268636	275170	278724	274701	271351	263578
37	270765	270704	270379	271586	275837	278985	274253	264364
38	271751	266540	266803	270165	270111	273760	275793	263192

Lampiran 3. Lanjutan Hasil *Output* Matriks Simetris

	V25	V26	V27	V28	V29	V30	V31	V32
1	294442	289327	284451	281544	281251	284299	284695	284567
2	295899	293822	287752	284442	282930	280608	284789	286934
3	294664	294964	291687	287466	285751	281963	280968	287140
4	290970	291970	290351	289118	286234	282982	280573	281173
5	293828	287326	285502	287135	288194	282486	281462	281825
6	302955	291133	282356	283335	287058	285420	281656	283184
7	296365	300849	287136	280791	283643	284889	284950	283485
8	293534	292731	294731	283552	278789	279909	282849	284780
9	288891	290294	287201	291621	282012	275459	278209	283019
10	286065	284833	283343	283334	289773	277841	273369	278528
11	287343	282114	278246	279373	280947	285714	275521	272908
12	290013	288459	282856	280636	283685	282081	288134	280427
13	295865	289067	286422	282427	281560	282708	282251	289987
14	297994	294235	285952	285235	282735	279881	282378	283758
15	293496	295116	289139	283398	284465	279775	278661	283314
16	283759	281136	275481	275618	272772	271778	270985	273072
17	281506	277672	271112	269224	271537	266520	268008	269745
18	280859	277283	270581	266926	266837	267198	264120	267731
19	275771	277510	271480	267465	265617	263394	265578	264667
20	273246	271899	270951	267707	265463	261638	261284	265569
21	270868	270374	266530	268724	267861	262506	260868	263429
22	271757	269206	267105	265425	269340	266148	262316	262801
23	274176	270435	266567	266270	266041	267977	266058	264019
24	278383	272005	266578	264655	265731	263808	267077	266819
25	289071	274129	265117	262072	261421	261363	260988	265709
26	274129	284991	267374	260964	259454	257230	258893	260311
27	265117	267374	273966	260318	256113	252517	252890	257094
28	262072	260964	260318	269943	258239	251845	250287	252970
29	261421	259454	256113	258239	269943	255544	251075	252058
30	261363	257230	252517	251845	255544	265638	253004	250372
31	260988	258893	252890	250287	251075	253004	264538	253664
32	265709	260311	257094	252970	252058	250372	253664	267321
33	264701	264350	257343	256525	254433	250654	250682	256504
34	260859	261262	258617	253887	254446	250900	248634	250279
35	255161	253427	249243	250728	248189	246815	245950	246181
36	255848	251432	247204	245503	248495	244358	244635	245541
37	258882	254157	248275	245888	245580	246754	243898	245880
38	252483	254909	247766	244019	242731	241501	244054	242441

Lampiran 3. Lanjutan Hasil *Output* Matriks Simetris

	V33	V34	V35	V36	V37	V38
1	279691	278754	280047	277887	279434	273500
2	286840	279304	276638	279650	278864	278185
3	289276	286197	276545	275965	280583	277263
4	286933	287043	281015	274130	275192	277780
5	281925	283969	279623	277819	273598	271132
6	283224	279779	278146	277317	277845	270376
7	284789	281575	275025	276379	277592	275194
8	282733	281751	274773	271735	275101	273934
9	284450	280043	275551	271863	270765	271751
10	282718	281087	272233	271914	270704	266540
11	277418	279399	273808	268636	270379	266803
12	278278	278632	279443	275170	271586	270165
13	282240	277597	276062	278724	275837	270111
14	291326	280969	273879	274701	278985	273760
15	284296	288982	275131	271351	274253	275793
16	275451	273673	267958	263578	264364	263192
17	270801	270307	262682	262378	260934	258500
18	268787	267266	262436	258853	260851	256705
19	267783	266028	260701	259455	258046	257286
20	264048	264556	258708	257208	258184	254101
21	267388	261779	258220	256273	257399	254665
22	265214	266115	257821	256861	256748	255172
23	264396	264211	262897	256752	257326	254931
24	264483	262631	259784	260994	256443	254903
25	264701	260859	255161	255848	258882	252483
26	264350	261262	253427	251432	254157	254909
27	257343	258617	249243	247204	248275	247766
28	256525	253887	250728	245503	245888	244019
29	254433	254446	248189	248495	245580	242731
30	250654	250900	246815	244358	246754	241501
31	250682	248634	245950	244635	243898	244054
32	256504	250279	246181	245541	245880	242441
33	270114	255536	246512	245161	246593	243712
34	255536	267225	249201	243381	243824	243198
35	246512	249201	254201	242320	239658	236923
36	245161	243381	242320	250808	240885	235969
37	246593	243824	239658	240885	250911	238818
38	243712	243198	236923	235969	238818	247262

Lampiran 4. Hasil Nilai *Eigenvalue* dan *Singular Value*

[1]	10804702.14	82519.13	76456.49	74277.76	67107.3	39624.25
[7]	39037.294	33471.44	32613.47	28617.24	26959.21	23353.29
[13]	22981.209	21021.15	20749.88	19406.84	16184.7	14880.45
[19]	13495.514	12464.71	12352.47	11255.8	10735.74	10342.21
[25]	9895.479	8007.988	7621.95	7498.112	6931.164	6544.288
[31]	6444.186	5590.917	5226.928	4161.893	3875.225	3685.422
[37]	3132.626	2431.147				

[1]	3287.05068	287.26143	276.50767	272.53947	259.05077	199.05841
[7]	39037.294	197.57858	180.592	169.16631	164.19259	152.81782
[13]	151.59554	144.98673	14404817	139.30842	127.2191	12198546
[19]	116.17019	111.64546	111.14166	106.09337	103.61339	101.69665
[25]	99.47602	89.48736	87.30378	86.59164	83.25361	80.89677
[31]	80.27569	74.77243	72.2975	64.51273	62.2513	60.70768
[37]	55.96986	49.30666				

Lampiran 5. Hasil Nilai *Eigenvector*

	V1	V2	V3	V4	V5	V6	V7
1	-0.17128	0.376435	-0.08269	-0.2459	-0.00639	-0.1287	0.166985
2	-0.17233	0.319787	-0.07653	-0.04944	0.343985	0.175064	0.022867
3	-0.173	0.085267	0.088095	0.261458	0.381905	0.031036	-0.22408
4	-0.17244	-0.14846	0.300059	0.302363	0.091475	-0.26242	0.096719
5	-0.17168	-0.24057	0.354036	-0.01507	-0.16682	0.120563	0.295952
6	-0.17157	-0.25334	0.117559	-0.331	-0.18724	0.290753	-0.11108
7	-0.17173	-0.22488	-0.2438	-0.31688	-0.06351	-0.07191	-0.30011
8	-0.17077	-0.1239	-0.45148	-0.02034	-0.02481	-0.24028	0.047027
9	-0.17006	0.032983	-0.3665	0.279406	-0.18551	0.0596	0.329806
10	-0.16906	0.207501	-0.0744	0.304211	-0.34257	0.335178	-0.05996
11	-0.16808	0.319891	0.169432	0.052996	-0.29219	-0.0869	-0.39533
12	-0.1704	0.302983	0.22298	-0.20859	-0.04196	-0.32118	0.054799
13	-0.17111	0.129039	0.126201	-0.2183	0.302113	0.121449	0.213962
14	-0.17136	-0.13294	0.040522	0.027973	0.392782	0.189008	-0.08088
15	-0.17086	-0.2962	0.047803	0.198216	0.13983	-0.16298	-0.05112
16	-0.165	-0.20186	0.084586	0.058754	-0.0317	-0.07695	0.091964
17	-0.16274	-0.16078	0.02438	-0.06114	-0.10953	0.102995	0.043311
18	-0.16154	-0.09934	-0.09578	-0.10722	-0.10968	0.028876	-0.10353
19	-0.1609	-0.01166	-0.1827	-0.04954	-0.07422	-0.10236	-0.00981
20	-0.16003	0.121508	-0.17488	0.023981	-0.04202	-0.03136	0.135254
21	-0.15993	0.174574	-0.04804	0.117175	0.023643	0.175426	-0.01754
22	-0.16019	0.092209	0.118204	0.156447	0.006596	0.019962	-0.21438
23	-0.1606	1.76E-05	0.207497	0.033485	-0.0638	-0.21077	0.036289
24	-0.16049	-0.06226	0.145168	-0.14075	-0.04926	0.043281	0.229876
25	-0.15906	-0.09589	-0.02554	-0.18397	0.054185	0.188092	-0.07273
26	-0.15779	-0.11474	-0.1593	-0.03567	0.099218	-0.10051	-0.17928
27	-0.1551	-0.04844	-0.14752	0.110256	0.055995	-0.16325	0.064003
28	-0.15392	-0.0054	-0.03232	0.177205	-0.06646	0.074189	0.186645
29	-0.15375	0.018947	0.089172	0.093772	-0.16651	0.207775	-0.06506
30	-0.15251	0.052101	0.101489	-0.08957	-0.12382	-0.08082	-0.23101
31	-0.15228	0.042632	0.010726	-0.16361	0.016771	-0.20187	0.077015
32	-0.15318	-0.00138	-0.07546	-0.06633	0.115746	0.113049	0.183385
33	-0.15375	-0.05993	-0.06486	0.108163	0.089804	0.188653	-0.09757
34	-0.15277	-0.08166	0.012475	0.157667	-0.0679	-0.14177	-0.12673
35	-0.14978	0.032981	0.071183	-0.01442	-0.10372	-0.14287	0.136696
36	-0.14878	0.050147	0.035514	-0.10791	-0.00841	0.138686	0.116648
37	-0.14899	0.019035	-0.03219	-0.07074	0.07969	0.080976	-0.13254
38	-0.14759	-0.01831	-0.05501	0.033246	0.097702	-0.16816	-0.06637

Lampiran 5. Lanjutan Hasil Nilai *Eigenvector*

	V8	V9	V10	V11	V12	V13	V14
1	-0.40296	0.269962	-0.24119	0.062839	0.074671	0.020901	0.017395
2	-0.33817	-0.12511	0.26055	-0.02962	-0.11789	0.194139	-0.17462
3	-0.13192	-0.31886	-0.18131	0.139363	-0.15115	-0.00683	0.254504
4	-0.21312	-0.18335	-0.12012	-0.17872	-0.11179	-0.10995	-0.02774
5	-0.18831	-0.21032	0.104631	0.130212	-0.02548	-0.1462	-0.33253
6	-0.20217	-0.1204	-0.27212	-0.03748	0.16946	-0.04443	0.26087
7	-0.08416	-0.23343	0.284549	-0.18731	0.164776	-0.04047	0.034447
8	0.200031	-0.34741	-0.08723	0.259408	0.094003	0.105161	-0.1819
9	0.110019	-0.02377	-0.20743	-0.29553	0.014558	0.157574	0.118551
10	0.058784	0.122091	0.257489	0.081125	-0.07085	0.02509	-0.0527
11	0.14846	0.083593	-0.1841	0.072614	-0.14776	0.06476	-0.23558
12	0.203873	0.01733	0.240721	-0.21558	-0.02713	-0.18091	0.355072
13	0.418968	-0.06172	0.025937	0.263234	0.051222	-0.15947	0.015972
14	0.280217	0.250562	-0.17804	-0.32881	0.197478	-0.17072	-0.23669
15	-0.09512	0.487535	0.203339	0.237413	0.31814	0.127627	0.071849
16	-0.0452	0.086088	0.030778	-0.00088	-0.03096	0.406658	0.021813
17	0.024433	-0.03415	0.091614	0.007514	-0.31193	0.159	0.333324
18	0.026918	0.026206	-0.12031	0.039662	-0.33939	-0.14971	-0.03839
19	-0.02777	0.047061	0.043357	-0.05913	-0.12853	-0.33527	-0.28314
20	-0.16475	0.091552	-0.12527	0.170985	0.225067	-0.19849	0.167438
21	-0.08519	-0.14612	0.166624	-0.1904	0.230921	0.028662	-0.01103
22	0.134394	-0.23863	0.0281	0.149326	0.165242	0.098857	0.064011
23	0.135303	-0.0534	-0.17605	-0.17182	0.054578	0.18529	0.003693
24	0.087648	0.069872	0.161656	0.04824	-0.13866	0.159509	-0.22922
25	0.03056	0.179116	-0.2177	0.076193	-0.22022	0.105072	0.017464
26	-0.05686	0.15084	0.176432	-0.16508	-0.21698	-0.1412	0.082071
27	0.047272	-0.05666	0.043146	0.260958	-0.05196	-0.26139	-0.00381
28	0.030075	-0.03992	-0.13342	-0.16965	0.121327	-0.17817	0.015871
29	0.020118	-0.00332	0.203639	0.012276	0.283283	-0.13944	0.146319
30	0.094963	-0.01974	-0.14707	0.067051	0.240631	0.162348	-0.16303
31	0.130021	-0.02312	0.129418	-0.18073	0.053822	0.243266	-0.03879
32	0.156782	0.039613	-0.00936	0.191441	-0.0918	0.204988	0.200536
33	0.102844	0.10857	0.002098	-0.21634	-0.20731	-0.02065	0.007911
34	-0.01363	0.17512	0.079396	0.227385	-0.11338	-0.15565	0.111025
35	-0.04601	0.03735	-0.10362	-0.05803	-0.02782	-0.11716	0.042664
36	-0.04566	-0.01759	0.092117	0.041781	0.017778	-0.08045	-0.0869
37	-0.11107	0.053199	-0.20037	0.045241	0.073291	0.046096	-0.10584
38	-0.1632	0.014372	0.085585	-0.09644	-0.03111	0.142086	-0.15134

Lampiran 5. Lanjutan Hasil Nilai *Eigenvector*

	V15	V16	V17	V18	V19	V20	V21
1	-0.04155	0.225857	0.116877	-0.1485	-0.13108	-0.12194	0.153208
2	-0.01155	-0.25071	0.03915	0.041392	0.188661	-0.05515	-0.16316
3	0.23331	0.193988	-0.01131	0.014023	-0.22129	-0.01577	-0.04451
4	-0.40792	0.098396	-0.12381	-0.1613	0.141732	-0.03549	0.007777
5	0.242169	0.000883	-0.03696	-0.14366	-0.23206	-0.05322	0.010986
6	0.099117	-0.13389	-0.16241	-0.09744	0.220604	0.118171	-0.22062
7	-0.23961	0.045415	0.037068	-0.04055	-0.34196	0.112919	0.157345
8	0.130367	0.000927	0.035664	-0.10378	0.327218	-0.0236	0.143328
9	0.023721	0.057839	-0.11474	0.227977	-0.23322	0.041739	-0.16009
10	-0.17609	0.261465	-0.15849	-0.17247	0.184281	0.054092	0.052589
11	0.106867	-0.28022	-0.15041	0.029365	-0.17767	0.020342	0.017704
12	0.219984	-0.03602	-0.11792	-0.07081	0.165331	-0.02468	0.07542
13	-0.36549	-0.16805	-0.05099	0.177699	-0.11721	-0.00556	-0.06083
14	0.193038	0.186389	0.108991	-0.03961	0.065418	-0.07625	0.149808
15	-0.03493	-0.03146	-0.05795	0.050447	0.050419	0.032094	-0.21816
16	0.076159	-0.38053	0.160549	0.047512	-0.05467	-0.03484	0.179904
17	0.10217	0.124317	0.19323	0.208009	0.083613	-0.28184	0.216352
18	-0.33101	0.100228	0.207836	0.070794	0.057866	-0.24233	-0.19621
19	0.202142	0.015421	0.129921	-0.01703	0.050746	0.119883	-0.44502
20	0.061206	-0.01854	-0.00547	-0.11858	-0.16199	0.207937	0.103986
21	-0.11331	-0.25762	0.116621	-0.07043	0.156184	0.146185	0.138641
22	0.144285	0.16807	0.129037	0.144742	-0.07294	0.252132	-0.12934
23	-0.21706	0.128877	0.014753	-0.0372	0.145759	0.349837	0.010745
24	0.059253	0.194721	-0.10188	0.021969	-0.16665	0.216678	0.219342
25	0.077576	-0.06671	-0.31737	0.035406	0.244995	0.155893	0.024291
26	-0.0351	-0.05893	-0.32343	0.125758	-0.22131	0.104631	0.036086
27	0.01441	-0.10166	-0.25887	-0.1241	0.131884	-0.11934	0.235272
28	0.059704	-0.3308	-0.11299	0.143771	-0.128	-0.28087	0.053078
29	0.004523	0.130991	-0.02355	0.052462	0.096918	-0.33083	-0.06013
30	-0.1777	-0.03425	0.070227	-0.02675	-0.16173	-0.34054	-0.07678
31	0.217142	0.183979	0.003175	-0.18645	0.048194	-0.22499	-0.23506
32	-0.11528	0.006538	-0.02222	-0.35942	-0.18934	0.01073	-0.28225
33	0.009234	-0.1478	0.283356	-0.43825	-0.07862	0.065025	0.098792
34	0.081177	-0.07521	0.347002	0.034745	-0.00418	0.068258	0.06201
35	-0.06598	-0.14386	0.330857	0.213455	0.152721	0.162911	-0.07815
36	0.009932	0.171242	0.14991	0.39103	0.034309	0.175411	0.038168
37	-0.04468	0.141515	-0.03472	0.144544	0.116235	-0.06736	0.307181
38	0.009739	0.076416	-0.23936	0.241538	0.047291	-0.10673	-0.12212

Lampiran 5. Lanjutan Hasil Nilai *Eigenvector*

	V22	V23	V24	V25	V26	V27	V28
1	0.116246	-0.11599	0.041888	0.071433	0.301711	0.053144	-0.05555
2	0.01564	-0.16279	0.002909	0.161818	-0.08251	-0.12721	-0.09683
3	-0.17662	-0.10836	0.104879	-0.09914	-0.17574	0.064102	-0.12316
4	-0.04131	0.071844	-0.21971	0.095046	-0.08826	0.156724	0.202507
5	0.148899	-0.04489	0.025473	-0.26273	0.073247	-0.22542	0.11846
6	0.001095	-0.02149	-0.22827	0.073666	0.112371	-0.06201	-0.2393
7	-0.01201	-0.13181	-0.07066	-0.08525	-0.1458	0.071371	-0.11158
8	0.004743	-0.09694	-0.07356	-0.07351	0.086103	0.121211	0.042695
9	0.106234	-0.07765	-0.17143	-0.03981	-0.00208	-0.09518	0.123751
10	-0.16247	-0.11077	-0.03643	-0.16699	0.009433	-0.21773	-0.18412
11	-0.0138	0.062163	-0.23865	-0.04308	-0.13123	0.198294	-0.16888
12	-0.02037	0.030483	0.008181	-0.29424	0.050478	0.064578	0.130441
13	-0.00423	0.119586	-0.19051	0.026384	0.117976	-0.20042	-0.02646
14	0.058432	-0.03422	-0.03014	-0.04742	-0.02142	-0.05123	-0.22133
15	0.040738	0.008388	-0.00607	-0.13725	-0.1017	0.185939	-0.08258
16	-0.39854	0.10825	0.191309	-0.1013	0.225087	-0.07983	0.008667
17	0.046117	0.321382	-0.08221	0.210684	-0.10816	-0.05736	-0.17581
18	0.208031	0.132857	0.337372	-0.24361	0.00812	0.130133	-0.06544
19	-0.29739	0.312853	0.143005	0.132259	-0.03202	-0.04687	0.005544
20	-0.071	0.417261	0.026039	0.109105	-0.22356	-0.06184	0.040521
21	0.317043	0.286977	0.160826	-0.0975	-0.1889	0.077708	0.103234
22	0.27378	0.066527	0.208766	0.048153	0.399574	0.039092	0.112068
23	-0.09939	-0.01229	0.25102	0.228571	0.022781	-0.27331	-0.2096
24	0.1499	-0.00108	0.123415	0.225286	-0.15341	0.323726	-0.17355
25	0.175157	-0.12451	0.182833	0.082587	-0.15275	0.099544	0.441056
26	-0.04755	-0.14498	0.199973	0.068402	0.182232	-0.2505	0.14001
27	-0.04756	-0.09536	0.072239	0.208389	0.095347	-0.00066	-0.21134
28	0.057	-0.11798	0.188963	0.061401	-0.09603	0.129545	-0.13463
29	-0.12274	-0.10544	0.136234	0.215028	0.137438	0.186678	0.156339
30	-0.0833	-0.06559	0.068981	0.227267	-0.08416	-0.1199	0.247349
31	0.030927	-0.05785	-0.06158	0.071219	-0.27893	-0.17097	0.064598
32	-0.06057	-0.03118	-0.01932	-0.21255	-0.07388	0.132741	-0.01053
33	-0.06395	0.011055	-0.21065	0.107099	0.32705	0.181125	0.181538
34	0.322061	-0.19112	-0.28471	0.160339	-0.15454	-0.34108	0.134685
35	-0.011	-0.40416	0.038666	-0.22046	-0.04509	0.085956	-0.1766
36	-0.37576	-0.10355	-0.24685	0.070092	-0.04262	0.279184	0.241644
37	-0.17185	0.137471	-0.0171	-0.39985	-0.09884	-0.24062	0.188536
38	0.195819	0.273489	-0.30797	-0.08615	0.332961	0.054643	-0.13144

Lampiran 5. Lanjutan Hasil Nilai *Eigenvector*

	V29	V30	V31	V32	V33	V34	V35
1	0.018729	-0.06533	-0.04757	0.187425	0.049332	-0.20291	0.089356
2	0.177886	-0.04853	-0.0534	0.076066	-0.0235	0.131874	-0.20523
3	-0.01728	-0.10892	0.002222	-0.02047	0.09501	0.187667	0.134793
4	0.05401	-0.13646	0.003699	0.021952	0.094924	-0.25831	0.084005
5	-0.00527	-0.07178	-0.12834	0.083804	-0.14042	0.047605	-0.22114
6	0.007617	0.055341	-0.10789	-0.11737	0.139906	0.060598	0.167209
7	0.232788	-0.02117	0.13773	0.192779	-0.05779	-0.10009	-0.02166
8	-0.1198	-0.27531	-0.00677	0.074877	0.132223	0.050077	-0.11395
9	0.173976	-0.04354	-0.23358	0.081283	-0.0703	0.147526	0.065688
10	0.083958	-0.09556	0.035309	-0.04348	0.20576	-0.08262	0.115746
11	-0.00678	-0.08621	-0.05335	0.032983	-0.14257	-0.1676	-0.19011
12	0.171108	-0.0294	-0.0978	0.132645	0.036234	0.251431	0.076818
13	0.018838	-0.14811	0.050526	0.028093	0.208879	-0.07054	0.007633
14	0.104323	-0.20677	-0.07594	-0.03456	-0.21969	-0.11786	0.074396
15	0.050566	0.036418	-0.25204	0.18283	0.188669	0.062554	-0.19787
16	0.268106	-0.15528	0.128034	-0.1565	-0.05698	-0.12714	0.279055
17	-0.19311	-0.06747	-0.20155	0.238093	-0.00782	-0.18318	-0.17595
18	0.294929	0.035211	-0.061	-0.26202	-0.03046	0.163158	-0.08469
19	-0.07962	0.009556	0.050501	0.322841	0.081456	-0.07282	0.244483
20	0.083482	-0.19216	0.125526	-0.37331	-0.02678	0.089736	-0.28705
21	-0.25266	0.04888	-0.19868	-0.04084	-0.13338	-0.07535	0.25484
22	0.119415	0.184309	-0.01905	-0.02395	0.124801	-0.32147	-0.03727
23	-0.01135	0.129938	0.107278	0.196313	-0.22145	0.228214	-0.28956
24	-0.11277	-0.00096	0.076077	-0.10604	0.251092	0.269261	0.27038
25	0.155784	-0.11894	0.160672	0.117353	-0.07283	-0.10337	-0.01469
26	-0.386	-0.11641	-0.16953	-0.19172	0.056145	-0.12253	-0.08539
27	0.118344	0.412267	-0.25368	-0.14107	-0.29067	-0.04697	0.121561
28	0.013811	0.2979	0.329321	0.167896	0.296397	-0.08479	-0.09143
29	-0.13708	-0.22799	0.310989	-0.00089	-0.25612	0.101034	-0.10037
30	-0.14031	-0.00726	-0.29725	-0.03532	0.042759	0.286606	0.211752
31	0.030699	0.2024	0.099885	-0.41071	0.16139	-0.29832	-0.11647
32	-0.27381	0.173055	0.140495	0.119363	-0.39387	-0.11835	0.096634
33	-0.06986	0.181384	-0.00591	-0.04835	0.214799	0.230574	-0.25169
34	0.083896	0.062928	0.268573	0.04231	-0.08907	0.106353	0.251214
35	-0.36823	-0.11842	0.026988	-0.22267	0.008909	-0.07344	-0.04375
36	0.104863	0.259487	-0.16237	-0.13321	-0.173	-0.05344	-0.05384
37	-0.18983	0.378599	0.147228	0.105642	0.138915	0.076963	-0.04311
38	-0.13754	0.044936	0.329262	-0.1455	-0.18064	0.214374	0.082577

Lampiran 5. Lanjutan Hasil Nilai *Eigenvector*

	V36	V37	V38
1	0.116845	0.13184	-0.11874
2	-0.02662	-0.18315	0.275026
3	0.06451	0.138114	-0.27363
4	0.0077	-0.10445	0.192997
5	-0.03519	0.060656	-0.10452
6	0.135694	0.031545	0.125265
7	-0.11401	-0.11201	-0.13245
8	0.101001	0.201187	0.145817
9	0.147187	-0.23831	-0.04954
10	-0.2228	0.144696	-0.04125
11	0.216136	-0.04472	0.025202
12	-0.09855	0.007687	0.143957
13	0.119884	-0.01408	-0.22942
14	-0.09241	0.014681	0.184024
15	0.072491	0.021916	-0.09384
16	0.070001	-0.00051	-0.00612
17	-0.16634	-0.0338	-0.01499
18	0.16245	0.100152	0.088032
19	-0.00114	-0.1025	-0.0917
20	-0.22539	-0.06076	0.136275
21	0.175521	0.203835	-0.21877
22	-0.15056	-0.18765	0.207471
23	0.092941	0.196317	-0.09227
24	0.128127	-0.17911	0.158668
25	-0.23847	-0.02033	-0.27981
26	0.14983	0.175367	0.220236
27	-0.04269	-0.24651	-0.18265
28	-0.15128	0.294537	0.139186
29	0.324807	-0.21696	-0.05432
30	-0.39393	0.027735	0.057302
31	0.157865	0.020987	-0.21871
32	-0.09096	0.037856	0.306552
33	-0.03068	-0.06128	-0.19057
34	0.138815	0.11808	0.133002
35	-0.26971	-0.29753	-0.16913
36	-0.00166	0.383576	0.056518
37	0.180896	-0.33355	0.115099
38	-0.26607	0.12226	-0.16028

Lampiran 6. Hasil Nilai *Principal Component*

	V1	V2	V3	V4	V5	V6	V7
1	-0.10774	-0.0713	-0.05331	-0.00849	-0.12738	0.085822	-0.14238
2	-0.11003	-0.09664	-0.03068	0.007505	-0.10195	0.084366	0.061465
3	-0.11158	-0.13477	-0.01422	0.041109	-0.00156	-0.07092	0.082448
4	-0.11261	-0.11127	0.008769	0.013329	0.091735	-0.07542	-0.05009
5	-0.11233	-0.01946	0.057937	-0.06074	0.113592	0.095817	-0.06169
6	-0.1137	0.069241	0.095784	-0.06652	0.021587	0.008266	0.081488
7	-0.11329	0.063683	0.076959	0.042615	-0.01992	-0.12374	-0.00723
8	-0.11335	0.051849	-0.00566	0.100155	0.014586	0.017458	-0.10873
9	-0.11577	0.061929	-0.0926	0.039686	0.03843	0.056198	0.023165
10	-0.11824	0.052618	-0.11352	-0.06193	-0.02181	-0.09103	0.041127
11	-0.11876	-0.02056	-0.06135	-0.07328	-0.07023	-0.05405	-0.06838
12	-0.11853	-0.06185	0.003952	-0.04185	-0.10429	0.058003	-0.05141
13	-0.11916	-0.10574	0.028732	0.044934	-0.06946	0.027785	0.059067
14	-0.12121	-0.08673	0.011611	0.066105	0.037847	-0.05309	0.017982
15	-0.12298	-0.02522	-0.00299	0.004689	0.072629	-0.02137	-0.06051
16	-0.12405	0.047622	0.016627	-0.06243	0.035914	0.049945	-0.02238
17	-0.12408	0.082042	0.039705	-0.05553	-0.0681	-0.00653	0.026584
18	-0.12412	0.033042	0.016636	0.05441	-0.12119	-0.07838	-0.00526
19	-0.12279	-0.0411	-0.05268	0.121987	-0.02933	0.035763	-0.06355
20	-0.12296	-0.05164	-0.10274	0.036886	0.050858	0.08161	0.051559
21	-0.12359	-0.04451	-0.06985	-0.08302	0.055773	-0.07221	0.06374
22	-0.12496	-0.03611	0.02244	-0.11642	-0.0175	-0.09752	-0.09368
23	-0.1253	-0.02032	0.098863	-0.03935	-0.07504	0.06743	-0.08756
24	-0.12539	0.017466	0.090561	0.062572	-0.08105	0.079292	0.068178
25	-0.12596	0.019113	0.000417	0.135651	-0.01363	-0.07358	0.08952
26	-0.12913	0.014547	-0.11147	0.084412	0.074668	-0.15382	-0.11473
27	-0.12976	0.034782	-0.12	-0.08341	0.049005	0.121386	-0.14106
28	-0.12817	0.00109	-0.02661	-0.14444	-0.04111	0.143913	0.143264
29	-0.12847	-0.02123	0.062853	-0.07319	-0.16237	-0.1847	0.113161
30	-0.12836	-0.09052	0.067147	0.112155	-0.11741	-0.09946	-0.17414
31	-0.12986	-0.07401	-0.01416	0.14943	0.033706	0.175096	-0.08723
32	-0.13138	-0.03503	-0.08032	0.039563	0.121819	0.058886	0.183687
33	-0.13213	-0.01572	-0.05684	-0.0877	0.124139	-0.20791	0.048249
34	-0.13399	-0.00036	0.029584	-0.12886	0.047229	-0.09108	-0.21775
35	-0.13379	0.028665	0.110565	-0.06929	-0.04698	0.200767	-0.0616
36	-0.13527	0.071574	0.096058	0.042859	-0.12517	0.003915	0.181605
37	-0.13486	0.030851	-0.01029	0.164128	-0.09132	-0.18677	0.003217
38	-0.13456	-0.00028	-0.13439	0.121257	-0.00032	0.025025	-0.18472

Lampiran 6. Lanjutan Hasil Nilai *Principal Component*

	V1	V2	V3	V4	V5	V6	V7
39	-0.13493	-0.00054	-0.16227	-0.05215	0.002204	0.177126	0.031345
40	-0.13572	-0.03488	-0.07754	-0.1454	-0.07179	-0.08224	0.149941
41	-0.13544	-0.06972	0.046922	-0.09777	-0.10931	-0.12578	-0.10877
42	-0.13613	-0.04094	0.107572	0.006697	-0.10197	0.114764	-0.14933
43	-0.13814	0.01064	0.063295	0.093685	-0.06537	0.09322	0.068733
44	-0.14021	-0.00432	-0.0443	0.135628	0.033449	-0.11326	0.072379
45	-0.14525	-0.02976	-0.1355	0.056705	0.167999	-0.14971	-0.12131
46	-0.14517	0.004068	-0.08848	-0.1457	0.139635	0.142216	-0.09278
47	-0.14275	0.0134	0.061953	-0.19585	0.004537	0.109918	0.2097
48	-0.14028	-0.01301	0.161784	-0.03058	-0.1056	-0.22691	0.128528
49	-0.13798	-0.06395	0.113571	0.19205	-0.03071	-0.09047	-0.18433
50	-0.13905	0.029706	-0.02165	0.152017	0.132481	0.241905	-0.06373
51	-0.13997	0.1204	-0.10145	-0.04147	0.130241	0.054743	0.215328
52	-0.13908	0.129712	-0.06505	-0.16416	-0.02959	-0.2492	-0.0075
53	-0.1396	0.081262	0.006102	-0.11202	-0.23342	-0.04898	-0.3074
54	-0.1396	-0.04739	0.006425	0.091074	-0.29076	0.238103	-0.03114
55	-0.14073	-0.15104	-0.08527	0.204804	-0.11578	0.033505	0.252986
56	-0.14207	-0.20148	-0.15708	0.117528	0.135993	-0.21137	0.049804
57	-0.14221	-0.1717	-0.095	-0.10768	0.223993	-0.06911	-0.21185
58	-0.142	-0.04351	0.105783	-0.26856	0.106755	0.21673	-0.04706
59	-0.14055	0.04912	0.27934	-0.13338	-0.08799	0.027112	0.252452

Lampiran 6. Lanjutan Hasil Nilai *Principal Component*

	V8	V9	V10	V11	V12	V13	V14
1	0.04069	-0.01139	0.125325	0.128365	-0.18814	-0.07947	0.14584
2	-0.05292	0.073718	0.022035	-0.15862	-0.17031	0.130929	0.073726
3	-0.00763	0.038542	-0.08588	0.125277	-0.02432	0.248958	-0.16033
4	0.004974	0.031041	0.094965	-0.03889	0.131042	0.066344	-0.04838
5	0.063576	-0.04052	-0.12797	-0.06645	0.161537	-0.01303	0.051409
6	-0.01321	0.012641	0.136827	0.145779	0.089111	-0.15209	0.010471
7	-0.04707	0.130027	0.007903	-0.1537	-0.03764	-0.14968	0.014225
8	0.042971	0.125593	-0.0778	0.162004	-0.14581	-0.07352	0.044241
9	0.026917	0.093271	0.150504	-0.12255	-0.20523	0.101519	-0.17315
10	0.009398	0.132201	-0.16248	0.036908	-0.04492	0.198472	-0.05609
11	0.06351	0.029807	0.079944	0.024565	0.051469	0.107425	-0.10821
12	0.043771	0.049969	-0.02454	-0.0591	0.147591	0.018182	0.018867
13	0.033737	0.102609	0.071766	0.116052	0.136403	-0.13998	0.193245
14	0.082427	0.049184	-0.0054	-0.139	-0.05567	-0.15212	-0.16217
15	0.088732	0.069725	-0.01381	0.169075	-0.12894	-0.09505	0.053471
16	0.08444	0.004277	0.068234	-0.17008	-0.18188	0.050815	0.080907
17	0.052105	0.005272	-0.08745	0.098269	-0.05401	0.245679	-0.08567
18	-0.01692	0.104798	0.167168	0.033679	0.138883	0.078304	0.080502
19	0.058277	0.09124	-0.10106	-0.12461	0.17726	0.01537	0.026155
20	0.108438	0.050546	0.072599	0.188708	0.125733	-0.15684	0.013475
21	0.084094	0.051944	0.078338	-0.20113	-0.02989	-0.16309	-0.00498
22	0.071365	0.085627	-0.10455	0.151964	-0.11075	-0.05907	0.038873
23	0.054204	0.067995	0.148295	-0.06859	-0.17972	0.008833	-0.16351
24	0.066533	0.028186	-0.15306	-0.04262	-0.06835	0.159487	0.0107
25	0.06712	-0.05584	0.087119	0.101855	0.0679	0.102683	0.091662
26	-0.05694	0.034787	0.070286	-0.14407	0.119209	0.097462	-0.16982
27	-0.02411	0.082896	-0.13832	0.12371	0.141638	-0.12117	-0.01511
28	0.032124	-0.01753	0.125985	-0.08926	-0.03612	-0.14194	-0.02373
29	0.006755	0.068389	-0.13831	0.07291	-0.10588	-0.11723	0.051622
30	0.048407	0.081366	0.117803	0.079704	-0.21445	-0.0777	-0.04127
31	0.041494	0.098746	-0.00022	-0.12079	-0.14844	0.152197	0.138355
32	0.046984	0.136815	0.051122	0.15317	0.058929	0.218983	0.20361
33	0.08109	0.150659	0.079036	-0.12451	0.148825	0.119857	-0.24898
34	0.096149	0.178627	-0.05402	0.078419	0.18372	-0.04689	-0.09196
35	0.135364	0.093074	0.081841	-0.09095	0.070154	-0.15527	0.066017
36	0.112879	0.075028	-0.05856	0.030312	-0.05057	-0.11522	-0.08239
37	0.127052	0.088181	0.076959	0.089454	-0.12148	-0.16462	0.057649
38	0.149016	0.091544	0.015704	-0.08216	-0.18491	-0.00589	0.099326

Lampiran 6. Lanjutan Hasil Nilai *Principal Component*

	V8	V9	V10	V11	V12	V13	V14
39	0.139414	0.053997	0.019926	0.066297	-0.08951	0.16206	0.058923
40	0.08808	0.014191	0.073434	-0.08302	0.054705	0.192643	-0.05844
41	0.113879	-0.14182	-0.13927	-0.05641	0.170008	0.141534	-0.10442
42	0.01494	-0.26428	0.076681	0.004965	0.199812	0.011517	-0.05909
43	-0.1846	-0.18674	-0.00708	-0.11605	0.188633	-0.06224	0.047024
44	-0.26806	-0.04588	-0.04776	0.131595	0.079013	-0.20187	-0.00917
45	-0.31998	0.087414	0.058936	-0.07578	-0.18627	-0.18492	-0.28272
46	-0.1851	0.165724	-0.23682	0.091523	-0.30149	-0.10748	-0.07822
47	-0.02823	0.065356	0.073154	0.045413	-0.34566	0.079525	0.017723
48	0.011289	0.15383	-0.06101	0.019507	-0.12467	0.216419	0.12108
49	0.107527	0.265128	0.118024	0.183433	0.084357	0.088025	0.179059
50	0.240867	0.104317	0.010024	-0.2518	0.088948	0.063381	-0.08695
51	0.250628	-0.05562	0.002419	0.133686	0.178379	0.105612	0.161364
52	0.151312	-0.0909	0.135752	-0.15957	0.183424	0.005837	0.054609
53	0.022933	0.023785	-0.09205	0.068496	0.130704	-0.05868	-0.24243
54	-0.0655	0.1656	0.17527	0.05901	0.04149	-0.25921	0.101009
55	0.03816	0.096415	-0.16114	-0.15869	-0.15751	-0.14431	0.010133
56	0.125665	-0.01811	0.043205	0.254442	-0.2041	-0.02839	-0.01447
57	0.016208	0.198637	0.237005	-0.12114	-0.1	0.078718	0.228589
58	0.10633	0.224314	-0.21028	0.011267	0.003696	0.163783	-0.07747
59	0.197749	0.087737	0.135708	0.109707	0.043804	-0.00368	-0.32731

Lampiran 6. Lanjutan Hasil Nilai *Principal Component*

	V15	V16	V17	V18	V19	V20	V21
1	-0.10807	-0.05012	0.018998	-0.09295	0.135948	0.02805	0.028207
2	0.14738	-0.0174	-0.01363	0.008194	-0.16752	0.003278	-0.09024
3	-0.03614	0.000758	-0.05809	0.003545	0.181271	-0.07899	-0.07394
4	-0.0311	0.27296	0.102671	0.11326	-0.11031	-0.07118	0.105184
5	-0.05318	-0.09328	0.180741	0.157165	0.130077	0.023648	-0.05281
6	0.095894	-0.07184	0.148715	0.131554	-0.02995	-0.06401	-0.08923
7	-0.07459	-0.19747	-0.00435	-0.07488	0.058095	-0.10408	0.144884
8	0.071535	0.052317	-0.14806	-0.01905	-0.0974	0.001165	0.078537
9	0.016786	0.071559	-0.11637	0.189313	0.094496	0.00407	-0.20254
10	-0.10943	0.16871	0.014434	0.330955	0.117736	-0.11649	0.017824
11	0.099561	0.203445	0.242585	0.381659	0.141767	-0.02259	0.245434
12	-0.17388	-0.15997	0.327516	0.241348	0.039934	0.179694	0.143819
13	0.108841	-0.08597	0.17985	0.096569	0.094371	0.181378	-0.05559
14	0.108741	-0.17003	0.178011	-0.19868	-0.0574	0.083805	0.086125
15	-0.20071	0.045921	0.039596	-0.18277	-0.08662	0.02915	-0.23746
16	0.166013	0.153538	0.109086	-0.06876	0.006937	-0.1993	-0.27355
17	-0.09717	-0.11137	0.143261	0.031553	-0.01967	-0.34106	-0.0474
18	0.023744	0.164537	0.137662	-0.008	0.00952	-0.28091	0.069671
19	-0.01203	-0.22329	0.025548	0.12042	-0.10258	-0.20291	-0.10958
20	0.053232	-0.05061	-0.10172	-0.05227	0.136951	-0.19209	0.147747
21	-0.03165	-0.11098	-0.18911	0.018571	-0.19869	-0.00784	0.166279
22	0.017164	-0.06539	-0.31201	0.079783	0.121559	0.065921	-0.17543
23	0.097571	0.146404	-0.11391	0.116345	-0.00203	0.01219	0.133199
24	-0.21488	0.014217	-0.04044	0.146095	0.091325	0.176662	0.202063
25	0.164827	0.10789	0.062689	0.131045	-0.0097	0.298372	0.037786
26	-0.0486	-0.15436	0.013906	0.199909	0.105032	0.195505	-0.15087
27	-0.01558	0.191985	0.114783	-0.05095	0.087847	0.114449	0.300411
28	-0.01125	-0.01713	0.147569	0.224131	-0.08418	0.252755	-0.1038
29	0.004151	-0.08026	0.275381	0.100278	0.215112	0.082129	-0.25705
30	0.076184	0.058491	0.406063	0.096553	-0.05308	-0.12495	-0.02897
31	-0.17753	-0.15155	0.245614	-0.09126	0.066405	-0.14985	0.058411
32	0.149718	-0.03304	0.026511	-0.02905	-0.12601	-0.14071	-0.09162
33	0.092699	-0.03015	0.017979	0.008298	0.122373	-0.20209	-0.10093
34	-0.20531	0.154541	-0.0705	0.287425	-0.04504	-0.26869	-0.05051
35	0.084929	0.039988	-0.02092	0.41951	0.216494	-0.20921	0.131567
36	0.010788	-0.25978	0.03332	0.329283	-0.00351	-0.03739	0.203233
37	-0.02178	-0.00119	0.049443	-0.01264	0.150777	0.161456	0.18693
38	0.015559	-0.08086	0.077048	0.039722	-0.14877	0.251526	-0.04888

Lampiran 6. Lanjutan Hasil Nilai *Principal Component*

	V15	V16	V17	V18	V19	V20	V21
39	0.022933	-0.10696	0.018944	-0.27932	0.101374	0.144412	-0.04406
40	0.032268	0.108258	-0.05877	-0.30791	-0.24924	0.04077	-0.02231
41	-0.05556	0.158848	-0.08741	-0.21131	0.04413	-0.04627	-0.214
42	-0.02305	0.190613	-0.01902	0.121527	-0.08894	-0.21883	-0.19281
43	-0.06679	-0.12606	-0.05768	0.233957	0.16085	-0.28379	0.051069
44	0.121146	-0.11504	-0.13004	0.206511	-0.05571	-0.1526	0.224504
45	0.018134	0.014433	-0.2581	0.32271	0.137088	-0.05336	-0.09289
46	-0.12228	0.247175	0.037388	0.325741	0.131877	0.005697	0.253183
47	0.043951	0.178332	0.355168	0.493479	0.159838	0.260314	0.186349
48	-0.06715	-0.21378	0.583215	0.078238	0.058317	0.387059	0.13484
49	0.103585	-0.05976	0.53856	-0.29744	-0.057	0.34876	-0.07867
50	0.041116	-0.0654	0.385353	-0.65423	-0.17586	0.072817	-0.23554
51	-0.21276	-0.00053	-0.06909	-0.47092	-0.21909	-0.28804	-0.44384
52	0.24201	0.135334	-0.1323	-0.14199	0.00998	-0.55409	-0.17845
53	-0.09452	-0.15414	-0.08325	0.256797	-0.12193	-0.58346	-0.22708
54	-0.06463	0.102657	-0.11436	0.376504	0.243858	-0.57147	-0.02416
55	0.11483	-0.26028	-0.11198	0.492103	-0.0548	-0.37522	0.311623
56	-0.04824	-0.17001	-0.24811	0.036376	0.217895	0.054635	0.551538
57	-0.04513	-0.05252	-0.34168	0.182572	-0.20121	0.515276	0.216268
58	0.222359	-0.06883	-0.19964	-0.05021	0.279859	0.615186	0.047748
59	-0.06933	0.20214	0.103	-0.14548	-0.25511	0.536934	-0.00361

Lampiran 6. Lanjutan Hasil Nilai *Principal Component*

	V22	V23	V24	V25	V26	V27	V28
1	-0.04537	0.076649	-0.05942	0.120878	0.00124	0.094633	-0.00912
2	-0.03673	0.050064	0.039828	-0.03542	0.132664	-0.10088	0.012823
3	0.047245	0.059758	-0.00203	-0.03868	-0.04384	-0.08575	0.374407
4	-0.08031	0.017785	0.030288	0.083153	-0.20203	0.164153	0.22275
5	-0.23023	-0.15009	0.142656	0.206148	-0.12537	0.035125	0.030991
6	0.19071	-0.10443	0.04562	0.118926	0.308803	0.094933	-0.12384
7	0.212785	0.128488	-0.01677	-0.05429	0.043721	-0.16518	0.083448
8	-0.14643	0.243231	-0.13859	0.047039	0.080288	0.018485	0.307864
9	-0.21129	0.078466	0.017658	-0.1341	-0.03025	0.099013	0.207807
10	0.101534	-0.0345	-0.02366	-0.12114	-0.17391	0.050014	0.088764
11	-0.14012	-0.01721	-0.19515	0.184989	0.172574	-0.05906	0.060133
12	-0.18982	-0.2412	0.049301	-0.16128	0.25532	0.055775	0.3018
13	0.237799	-0.12825	-0.27822	-0.04574	-0.07316	0.256829	0.093446
14	0.065649	0.019917	-0.23326	-0.03499	-0.10602	-0.25062	0.101871
15	-0.15667	0.076404	-0.20318	0.081422	0.0056	-0.16385	0.535766
16	-0.08386	-0.08577	0.075863	-0.05493	-0.1787	0.305423	0.400311
17	0.004569	-0.13353	0.052538	0.219275	-0.34491	0.093266	-0.04539
18	-0.19652	-0.17133	0.107603	0.391772	0.159731	-0.23321	0.072338
19	-0.00226	-0.19079	0.223686	0.139238	0.253761	0.132662	0.32018
20	0.152335	-0.11582	0.144141	0.142516	-0.08968	0.234084	0.085062
21	-0.05638	-0.03417	0.118534	0.266827	-0.11361	-0.12515	0.033552
22	-0.03347	0.019711	0.138432	0.22512	0.184322	-0.08766	0.22992
23	0.153808	-0.0636	0.354371	-0.02737	-0.04774	0.122878	0.341148
24	0.005616	0.015827	0.131168	0.363876	-0.20628	0.215361	0.041189
25	-0.02931	-0.03497	0.313105	0.164246	0.153336	-0.09352	-0.10493
26	0.375725	0.238763	0.054601	0.073398	0.227855	-0.09415	0.173043
27	0.102893	0.375094	0.10869	-0.10925	0.023585	0.093393	0.286281
28	-0.28555	0.332038	0.020154	0.077161	-0.25052	0.118078	0.140967
29	-0.08101	0.054251	0.253458	-0.07286	-0.14893	-0.06545	0.044521
30	0.176219	0.110254	0.054851	0.184073	-0.12334	-0.05273	0.161574
31	-0.05682	0.24408	0.018414	0.103894	0.200963	0.143293	-0.0151
32	-0.0982	0.224576	0.043852	-0.14589	0.003031	-0.00732	-0.07513
33	-0.1388	0.130993	-0.04173	-0.03792	-0.00698	-0.01844	0.02712
34	-0.00612	0.120677	-0.12041	-0.12736	0.137703	-0.03596	0.060896
35	-0.1495	0.053944	-0.13393	-0.12042	-0.04431	-0.12115	0.291401
36	-0.18514	-0.10172	-0.18091	-0.09945	0.042002	0.310459	0.100903
37	-0.17441	-0.35508	-0.10625	-0.13538	-0.02187	0.099647	-0.22722
38	0.077486	-0.40495	-0.15718	0.054032	-0.04063	-0.34504	0.155201

Lampiran 6. Lanjutan Hasil Nilai *Principal Component*

	V22	V23	V24	V25	V26	V27	V28
39	0.255583	-0.2231	-0.13991	0.083345	0.023248	0.025156	0.452558
40	0.159238	0.04384	-0.15132	0.086593	-0.08222	0.228975	0.081977
41	-0.15602	0.093274	-0.0218	0.10243	-0.07365	-0.11874	-0.06528
42	0.0018	-0.00667	0.123241	-0.02408	0.140204	-0.02731	0.131901
43	0.081713	0.05547	0.018072	0.056098	-0.00956	0.012949	0.235711
44	-0.08019	0.100486	-0.02823	0.032901	-0.0565	0.015008	0.224862
45	-0.11577	0.22784	-0.30665	0.015854	0.324733	0.204181	-0.10945
46	-0.19217	-0.15547	0.136576	-0.44467	0.025495	-0.23846	0.179558
47	-0.19982	-0.36863	-0.20821	0.25001	-0.09726	0.20262	0.512982
48	0.027578	-0.59036	0.138501	0.006689	-0.04868	0.193429	0.090089
49	0.33626	-0.31624	-0.12323	0.421571	-0.34824	-0.2654	0.226917
50	0.20076	0.109458	-0.11289	0.348521	0.531856	0.248302	0.065288
51	0.205967	0.41129	0.081337	-0.19925	-0.02656	-0.10556	0.074148
52	-0.19002	0.403144	0.119671	0.113627	-0.46129	-0.24444	0.566217
53	-0.48045	0.129888	0.293234	0.360616	-0.25297	0.237765	0.386912
54	-0.16001	-0.22845	0.502291	0.183344	-0.06223	0.186586	-0.09517
55	0.110938	-0.14473	0.17252	0.413949	0.124827	0.002443	-0.26336
56	-0.11608	-0.16564	0.216547	0.081608	0.685254	0.095899	-0.14912
57	0.066241	-0.25965	0.228074	-0.1271	-0.09994	-0.12924	0.292029
58	0.212433	-0.19651	0.078822	0.263005	-0.34857	0.100412	0.397239
59	0.268193	-0.02587	0.22726	0.290678	-0.17406	0.052479	-0.0363

Lampiran 6. Lanjutan Hasil Nilai *Principal Component*

	V29	V30	V31	V32	V33	V34	V35
1	0.082911	0.54784	0.119258	-0.33935	-0.23342	0.222006	0.122339
2	-0.50949	0.26947	-0.05919	-0.19609	-0.11958	-0.08631	-0.28943
3	-0.056	0.153554	0.300334	-0.26753	-0.28496	-0.22443	0.17889
4	-0.29164	0.221237	0.053728	-0.18237	0.316305	0.285482	0.192683
5	-0.08888	0.142761	0.141882	-0.01295	-0.35208	0.372384	-0.23876
6	-0.12616	0.24715	0.331246	-0.11227	-0.00465	-0.32081	-0.07871
7	-0.23654	0.461895	0.07309	-0.13619	-0.11699	0.083362	0.336044
8	-0.23775	0.242498	0.089455	-0.39701	-0.24597	0.094056	-0.31976
9	-0.43718	0.204466	0.396958	-0.08868	-0.06213	0.015007	0.245352
10	-0.02915	0.466207	0.344592	-0.374	-0.12998	0.38942	0.037174
11	-0.4902	0.435821	0.127497	-0.03688	-0.02178	0.361127	-0.0903
12	-0.1755	0.432382	0.379058	-0.1219	-0.36292	-0.10604	-0.05174
13	-0.3509	0.549548	0.183686	-0.34586	0.025738	-0.1301	0.027505
14	-0.42691	0.360906	0.223597	-0.48902	-0.41037	0.210877	0.107996
15	-0.33162	0.321962	0.314041	-0.27577	0.031159	0.096971	-0.06823
16	-0.28141	0.373038	0.203843	-0.12732	-0.11382	0.194288	0.054176
17	-0.27525	0.303148	0.220732	-0.3992	-0.19268	0.03899	-0.11344
18	-0.23408	0.311116	0.226042	-0.08643	-0.00854	0.0383	0.100713
19	-0.15064	0.384578	0.113847	-0.11289	-0.16755	0.08767	-0.02552
20	-0.39019	0.321359	0.17075	-0.1391	-0.15549	-0.21034	-0.06811
21	-0.14413	0.314308	0.239052	-0.39644	-0.12833	-0.06458	0.049689
22	-0.31772	0.292992	0.123907	-0.17238	-0.04907	0.279873	0.199014
23	-0.21572	0.268384	0.195516	-0.06236	-0.11595	0.168224	-0.21052
24	-0.15694	0.300672	0.137543	-0.11276	-0.04941	-0.20112	-0.03247
25	-0.21052	0.21393	0.160419	-0.28919	-0.07514	0.202039	0.234331
26	-0.22074	0.312055	0.284317	-0.10673	-0.25765	0.273257	-0.14401
27	-0.29733	0.424146	0.230326	-0.10008	0.020327	-0.11959	-0.00723
28	-0.20287	0.380922	0.083908	-0.34306	-0.25855	-0.0018	0.057563
29	-0.18603	0.13306	0.027185	-0.38984	-0.01361	-0.02013	-0.12985
30	-0.04636	0.06099	0.02416	-0.00686	-0.13377	-0.0217	0.171577
31	-0.11681	0.030459	0.22539	-0.2157	0.002307	0.183513	-0.07218
32	-0.12419	0.328717	0.219576	0.109989	-0.19752	-0.00764	0.001527
33	0.007586	0.344627	-0.04711	-0.33137	-0.0765	-0.28553	-0.0625
34	-0.33182	0.032006	0.027825	-0.2897	-0.15304	0.188186	0.155745
35	-0.22752	0.114413	0.43148	-0.03368	-0.09253	0.269897	0.089163
36	0.005712	0.45163	0.238256	-0.04821	0.076551	0.239298	-0.15183
37	-0.229	0.404796	-0.08289	-0.09586	-0.26994	-0.17419	-0.10235
38	-0.13837	0.090373	-0.04021	-0.31787	-0.03409	-0.31084	0.159023

Lampiran 6. Lanjutan Hasil Nilai *Principal Component*

	V29	V30	V31	V32	V33	V34	V35
39	-0.10032	-0.101	-0.03391	-0.10865	0.123445	0.251603	-0.06443
40	-0.29772	-0.04999	0.434698	0.025529	-0.20988	0.376987	0.248672
41	-0.0936	0.465743	0.479661	-0.03174	0.083175	0.092596	-0.32766
42	-0.06124	0.559355	-0.18223	-0.18446	-0.09655	0.024575	0.111663
43	-0.4756	0.036139	-0.00443	-0.35735	-0.38285	-0.15698	0.013381
44	-0.15828	0.07083	0.561784	-0.26944	0.084283	0.141652	-0.0522
45	-0.29996	0.609338	0.602906	-0.08799	-0.33083	0.629196	0.42602
46	-0.43664	0.855213	0.195263	-0.16621	0.054755	0.251966	-0.3884
47	-0.11578	0.538113	-0.21517	-0.12375	-0.35481	-0.55194	-0.23066
48	-0.56277	-0.11455	0.129104	-0.62149	0.105011	-0.0316	0.519096
49	-0.07882	0.177765	0.417407	0.171893	-0.17386	0.49708	-0.14034
50	-0.13116	0.41604	0.342769	-0.19264	0.062449	0.080514	-0.21729
51	-0.62527	0.616954	0.282798	-0.11567	-0.5251	-0.17546	0.2692
52	-0.09222	0.45776	0.034924	-0.81131	0.056281	-0.30223	-0.368
53	-0.39839	-0.02546	-0.18544	-0.18334	-0.13493	0.127031	0.374924
54	-0.08836	-0.12198	0.588615	-0.2553	-0.18557	0.373066	-0.01204
55	0.036565	0.60266	0.251231	0.364759	0.191107	0.033406	-0.24226
56	-0.08076	0.542252	-0.13304	-0.20631	-0.39658	-0.17189	0.195698
57	-0.43875	0.192957	-0.174	-0.12104	0.003593	-0.45332	-0.18435
58	0.127204	-0.13152	-0.01807	-0.31277	-0.02367	-0.12879	0.113762
59	-0.29261	-0.24961	0.088991	-0.03204	0.241368	0.559019	0.307559

Lampiran 6. Lanjutan Hasil Nilai *Principal Component*

	V36	V37	V38		V36	V37	V38
1	0.012269	-0.16312	0.20994	39	-0.37261	-0.08272	-0.51814
2	-0.11442	0.19942	-0.09081	40	0.031817	-0.18103	0.424377
3	-0.39143	-0.08858	-0.00722	41	0.163433	0.201711	-0.2587
4	0.188562	-0.16523	-0.25777	42	-0.47215	-0.1243	0.280724
5	-0.15906	0.168688	0.297673	43	0.241868	0.032285	-0.21169
6	-0.14165	-0.19304	-0.15747	44	-0.62857	0.201603	-0.09372
7	-0.08437	0.236964	-0.04653	45	-0.32147	-0.33688	-0.47534
8	-0.11789	-0.13112	-0.08515	46	0.474277	-0.10733	0.587141
9	-0.38061	0.087818	-0.01151	47	-0.41847	0.389134	-0.17861
10	-0.01235	-0.20473	-0.24884	48	-0.20369	-0.47387	-0.23453
11	-0.22335	0.052336	0.157301	49	0.221997	0.271369	0.025181
12	-0.01194	-0.12685	-0.09659	50	-0.39739	-0.14769	0.094005
13	-0.2191	0.211236	0.020347	51	0.023782	0.159673	0.005504
14	-0.38883	-0.09845	-0.2543	52	-0.07819	0.01831	0.117994
15	0.005614	-0.16716	0.224403	53	-0.63482	-0.00225	-0.2656
16	-0.20776	0.169645	-0.19497	54	0.257216	-0.33748	-0.02462
17	-0.09398	-0.24461	0.244341	55	-0.17182	0.313487	0.10924
18	-0.17258	0.186681	-0.28479	56	-0.11239	-0.23453	-0.22644
19	-0.03855	-0.22251	0.107721	57	0.312802	0.165353	0.245744
20	0.013834	0.246961	0.004703	58	-0.46478	0.128403	-0.32177
21	-0.37767	-0.05551	-0.16686	59	0.117977	-0.50274	0.001814
22	-0.07549	-0.12377	-0.08897				
23	0.066731	-0.0014	0.107344				
24	-0.16396	0.023511	0.056756				
25	-0.17963	-0.02126	-0.3068				
26	-0.15339	-0.00958	0.091925				
27	-0.02693	-0.10057	0.006716				
28	-0.13985	0.205668	-0.0128				
29	-0.23711	-0.24249	-0.03251				
30	-0.03989	0.083576	0.047682				
31	-0.12136	-0.01382	-0.23247				
32	-0.13297	-0.03608	0.199642				
33	0.083618	0.080317	-0.07455				
34	-0.58162	0.144564	-0.28074				
35	0.172759	-0.46492	0.017008				
36	-0.08484	0.425411	0.093854				
37	-0.21007	-0.40927	-0.06417				
38	0.197457	0.284162	0.217862				