

KUESIONER PENDAHULUAN

Saya selaku mahasiswa Universitas Kristen Maranatha, jurusan Teknik Industri 2005, memohon kesediaan Bapak/Ibu/Sdr/i untuk mengisi kuesioner pendahuluan ini yang dibutuhkan dalam pembuatan laporan Tugas Akhir. Saya ucapkan terima kasih atas bantuan, kerjasama, dan kesediaan Bapak/Ibu/Sdr/i dalam meluangkan waktu untuk membaca dan mengisi kuesioner ini.

Petunjuk Pengisian :

Berikan tanda checklist [] pada tabel dibawah ini yang sesuai dengan pendapat Bapak/Ibu/Sdr/i.

No.	Variabel	Jawaban	
		Penting	Tdk Penting
1	Adanya berbagai pilihan tipe kamar		
2	Tersedianya fasilitas kamar yang memadai (misalkan AC dan TV)		
3	Kebersihan kamar		
4	Kelancaran sirkulasi udara dalam kamar		
5	Tersedianya berbagai jenis layanan kamar (misalnya sarapan pagi)		
6	Tersedianya fasilitas pendukung lainnya (misalnya laundry dan salon)		
7	Tersedianya layanan penyediaan sarana transportasi (misalnya taksi)		
8	Harga yang terjangkau (Rp 250.000 - Rp 700.000 per kamar/ mlm)		
9	Adanya diskon pada hari tertentu (misalkan pada hari-hari biasa, selain sabtu dan minggu)		
10	Letak yang strategis (memiliki akses langsung jalan tol)		
11	Kemudahan dalam saran transportasi umum		
12	Promosi dengan pembagian brosur		
13	Promosi melalui iklan di koran		
14	Promosi melalui media elektronik (misalkan radio)		
15	Promosi melalui biro perjalanan		
16	Promosi melalui event tertentu (menjadi sponsor)		
17	Prosedur pemesanan kamar yang cepat		
18	Proses pembayaran yang cepat		
19	Adanya fasilitas tambahan alat proses pembayaran (misalkan dengan kartu kredit)		
20	Kemudahan pemesanan kamar (misalkan dapat melalui biro perjalanan)		
21	Keramahan pegawai <i>front office</i> dalam berkomunikasi dengan konsumen		
22	Ketanggapan pegawai <i>front office</i> dalam melayani konsumen		
23	Tersedianya beberapa paket khusus (misalkan paket liburan)		
24	Desain interior kamar yg menarik		
25	Desain interior lobby yg menarik		
26	Ketersediaan area parkir yang memadai		
27	Adanya jaminan keamanan pada area parkir		
28	Kebersihan lingkungan sekitar hotel		

Selain yang telah diuraikan di atas, menurut Bapak/Ibu/Sdr/I, hal apa lagi yang perlu dimiliki oleh setiap hotel :

- _____
- _____

KUESIONER PENELITIAN

Saya selaku mahasiswa Universitas Kristen Maranatha, jurusan Teknik Industri 2005, memohon kesediaan Bapak/Ibu/Sdr/i untuk mengisi kuesioner penelitian ini yang dibutuhkan dalam pembuatan laporan Tugas Akhir.

Saya ucapkan terima kasih atas bantuan, kerjasama, dan kesediaan Bapak/Ibu/Sdr/i dalam meluangkan waktu untuk membaca dan mengisi kuesioner ini.

Bagian I

Petunjuk Pengisian :

Pilihlah (x) salah satu jawaban yang paling tepat menurut anda.

1. Jenis kelamin anda :
 - a. Pria
 - b. Wanita

 2. Usia anda :
 - a. < 18 tahun
 - b. 18 tahun – 22 tahun
 - c. 23 tahun - 30 tahun
 - d. 31 tahun - 40 tahun
 - e. 41 tahun - 50 tahun
 - f. diatas 50 tahun

 3. Pekerjaan anda saat ini:
 - a. Pelajar
 - b. Mahasiswa
 - c. Pegawai
 - d. Wiraswasta
 - e. Lainnya.....

 5. Tujuan Anda dalam bepergian?
 - a. Bisnis
 - b. Olahraga
 - c. Liburan
 - d. Lainnya.....

 6. Besarnya penghasilan (gaji) anda per bulan saat ini (bagi yang sudah bekerja) :
 - a. di bawah Rp. 500.000
 - b. Rp 500.000 – kurang dari Rp 750.000
 - c. Rp 750.000 – kurang dari Rp 1 juta
 - d. Rp 1 juta – kurang dari Rp 2 juta
 - e. Rp 2 juta – kurang dari Rp. 5 juta
 - f. Rp. 5 juta ke atas

 7. Frekuensi anda menginap di Hotel Nyland dalam 1 tahun :
 - a. 1 kali
 - b. 2 kali – 4 kali
 - c. 5 kali – 7 kali
 - d. 8 kali – 10 kali
 - e. > 10 kali

 8. Anda mengetahui Hotel Nyland dari:
 - a. Biro Perjalanan
 - b. Iklan (surat kabar)
 - c. Kebetulan lewat
 - d. Lainnya.....

 9. Apakah anda berminat untuk kembali menginap di Hotel Nyland?
 - a. Pasti
 - b. Mungkin
 - c. Tidak
-

Bagian II

Petunjuk Pengisian :

Pilihlah salah satu jawaban yang paling tepat menurut anda.

Benarkan *checklist* (?) pada :

- Kolom Kepentingan, Anda diminta untuk menilai seberapa pentingkah variabel-variabel tersebut
- Kolom Performansi, Anda diminta untuk menilai seberapa puaskah anda terhadap variabel-variabel tersebut

Tingkat Kepentingan			Variabel	Tingkat Performansi			
Sangat Penting	Tidak Penting	Sangat Tidak Penting		Sangat Puas	Puas	Tidak Puas	Sangat Tidak Puas
			Adanya berbagai pilihan tipe kamar				
			Tersedianya fasilitas kamar yang memadai (misalkan AC dan TV)				
			Kebersihan kamar				
			Kelancaran sirkulasi udara dalam kamar				
			Tersedianya berbagai jenis layanan kamar (misalnya saipan pagi)				
			Harga yang terjangkau (Rp 250.000 - Rp 700.000 per kamar/ mlm)				
			Adanya diskon pada hari tertentu (misalkan pada hari-hari biasa, selain sabtu dan minggu)				
			Promosi melalui iklan di koran				
			Prosedur pemesanan kamar yang cepat				
			Proses pembayaran yang cepat				
			Adanya fasilitas tambahan alat proses pembayaran (misalkan dengan kartu kredit)				
			Kemudahan pemesanan kamar (misalkan dapat melalui biro perjalanan)				
			Keramahan pegawai/front office dalam berkomunikasi dengan konsumen				
			Ketanggapan pegawai/front office dalam melayani konsumen				
			Desain interior kamar yg menarik				
			Desain interior lobby yg menarik				
			Ketersediaan area parkir yang memadai				
			Adanya jaminan keamanan pada area parkir				
			Ketersediaan lingkungan sekitar hotel				

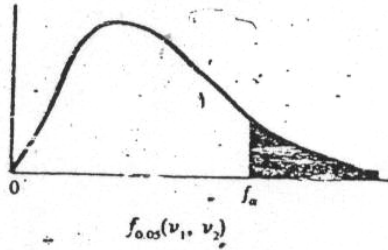
TABEL III
NILAI-NILAI r PRODUCT MOMENT

N	Taraf Signifikan		N	Taraf Signifikan		N	Taraf Signifikan	
	5%	1%		5%	1%		5%	1%
3	0,997	0,999	27	0,381	0,487	55	0,266	0,345
4	0,950	0,990	28	0,374	0,478	60	0,254	0,330
5	0,878	0,959	29	0,367	0,470	65	0,244	0,317
6	0,811	0,917	30	0,361	0,463	70	0,235	0,306
7	0,754	0,874	31	0,355	0,456	75	0,227	0,296
8	0,707	0,834	32	0,349	0,449	80	0,220	0,286
9	0,666	0,798	33	0,344	0,442	85	0,213	0,278
10	0,632	0,765	34	0,339	0,436	90	0,207	0,270
11	0,602	0,735	35	0,334	0,430	95	0,202	0,263
12	0,576	0,708	36	0,329	0,424	100	0,195	0,256
13	0,553	0,684	37	0,325	0,418	125	0,176	0,230
14	0,532	0,661	38	0,320	0,413	150	0,159	0,210
15	0,514	0,641	39	0,316	0,408	175	0,148	0,194
16	0,497	0,623	40	0,312	0,403	200	0,138	0,181
17	0,482	0,606	41	0,308	0,398	300	0,113	0,148
18	0,468	0,590	42	0,304	0,393	400	0,098	0,128
19	0,456	0,575	43	0,301	0,389	500	0,088	0,115
20	0,444	0,561	44	0,297	0,384	600	0,080	0,105
21	0,433	0,549	45	0,294	0,380	700	0,074	0,097
22	0,423	0,537	46	0,291	0,376	800	0,070	0,091
23	0,413	0,526	47	0,288	0,372	900	0,065	0,086
24	0,404	0,515	48	0,284	0,368	1000	0,062	0,081
25	0,396	0,505	49	0,281	0,364			
26	0,388	0,496	50	0,279	0,361			

TABEL VI
NILAI-NILAI CHI KUADRAT

dk	Taraf signifikansi					
	50%	30%	20%	10%	5%	1%
1	0,455	1,074	1,642	2,706	3,841	6,635
2	1,386	2,408	3,219	4,605	5,991	9,210
3	2,366	3,665	4,642	6,251	7,815	11,341
4	3,357	4,878	5,989	7,779	9,488	13,277
5	4,351	6,064	7,289	9,236	11,070	15,086
6	5,348	7,231	8,558	10,645	12,592	16,812
7	6,346	8,383	9,803	12,017	14,067	18,475
8	7,344	9,524	11,030	13,362	15,507	20,090
9	8,343	10,656	12,242	14,684	16,919	21,666
10	9,342	11,781	13,442	15,987	18,307	23,209
11	10,341	12,899	14,631	17,275	19,675	24,725
12	11,340	14,011	15,812	18,549	21,026	26,217
13	12,340	15,119	16,985	19,812	22,362	27,688
14	13,339	16,222	18,151	21,064	23,685	29,141
15	14,339	17,322	19,311	22,307	24,996	30,578
16	15,338	18,418	20,465	23,542	26,296	32,000
17	16,338	19,511	21,615	24,769	27,587	33,409
18	17,338	20,601	22,760	25,989	28,869	34,805
19	18,338	21,689	23,900	27,204	30,144	36,191
20	19,337	22,775	25,038	28,412	31,410	37,566
21	20,337	23,858	26,171	29,615	32,671	38,932
22	21,337	24,939	27,301	30,813	33,924	40,289
23	22,337	26,018	28,429	32,007	35,172	41,638
24	23,337	27,096	29,553	33,196	35,415	42,980
25	24,337	28,172	30,675	34,382	37,652	44,314
26	25,336	29,246	31,795	35,563	38,885	45,642
27	26,336	30,319	32,912	36,741	40,113	46,963
28	27,336	31,391	34,027	37,916	41,337	48,278
29	28,336	32,461	35,139	39,087	42,557	49,588
30	29,336	33,530	36,250	40,256	43,773	50,892

TABEL A.7
Nilai Kritis Sebaran F



v_2	v_1								
	1	2	3	4	5	6	7	8	9
1	161.4	199.5	215.7	224.6	230.2	234.0	236.8	238.9	240.5
2	18.51	15.00	13.16	12.25	11.59	11.15	10.85	10.63	10.47
3	10.13	9.55	9.28	9.12	9.01	8.94	8.89	8.85	8.81
4	7.71	6.94	6.59	6.39	6.26	6.16	6.09	6.04	6.00
5	6.61	5.79	5.41	5.19	5.05	4.95	4.88	4.82	4.77
6	5.99	5.14	4.76	4.53	4.39	4.28	4.21	4.15	4.10
7	5.59	4.74	4.35	4.12	3.97	3.87	3.79	3.73	3.68
8	5.32	4.46	4.07	3.84	3.69	3.58	3.50	3.44	3.39
9	5.12	4.26	3.86	3.63	3.48	3.37	3.29	3.23	3.18
10	4.96	4.10	3.71	3.48	3.33	3.22	3.14	3.07	3.02
11	4.84	3.98	3.59	3.36	3.20	3.09	3.01	2.95	2.90
12	4.75	3.89	3.49	3.26	3.11	3.00	2.91	2.85	2.80
13	4.67	3.81	3.41	3.18	3.03	2.92	2.83	2.77	2.71
14	4.60	3.74	3.34	3.11	2.96	2.85	2.76	2.70	2.65
15	4.54	3.68	3.29	3.06	2.90	2.79	2.71	2.64	2.59
16	4.49	3.63	3.24	3.01	2.85	2.74	2.66	2.59	2.54
17	4.45	3.59	3.20	2.96	2.81	2.70	2.61	2.55	2.49
18	4.41	3.55	3.16	2.93	2.77	2.66	2.58	2.51	2.46
19	4.38	3.52	3.13	2.90	2.74	2.63	2.54	2.48	2.42
20	4.35	3.49	3.10	2.87	2.71	2.60	2.51	2.45	2.39
21	4.32	3.47	3.07	2.84	2.68	2.57	2.49	2.42	2.37
22	4.30	3.44	3.05	2.82	2.66	2.55	2.46	2.40	2.34
23	4.28	3.42	3.03	2.80	2.64	2.53	2.44	2.37	2.32
24	4.26	3.40	3.01	2.78	2.62	2.51	2.42	2.36	2.30
25	4.24	3.39	2.99	2.76	2.60	2.49	2.40	2.34	2.28
26	4.23	3.37	2.98	2.74	2.59	2.47	2.39	2.32	2.27
27	4.21	3.35	2.96	2.73	2.57	2.46	2.37	2.31	2.25
28	4.20	3.34	2.95	2.71	2.56	2.45	2.36	2.29	2.24
29	4.18	3.33	2.93	2.70	2.55	2.43	2.35	2.28	2.22
30	4.17	3.32	2.92	2.69	2.53	2.42	2.33	2.27	2.21
40	4.08	3.23	2.84	2.61	2.45	2.34	2.25	2.18	2.12
60	4.00	3.15	2.76	2.53	2.37	2.25	2.17	2.10	2.04
120	3.92	3.07	2.68	2.45	2.29	2.17	2.09	2.02	1.96
∞	3.84	3.00	2.60	2.37	2.21	2.10	2.01	1.94	1.88

TABEL A.7 (lanjutan)
 Nilai Kritis Sebaran F

$$f_{\alpha}(v_1, v_2)$$

v_2	v_1									
	10	12	15	20	24	30	40	60	120	∞
1	6056	6106	6157	6209	6235	6251	6287	6313	6339	6366
2	99.40	99.42	99.43	99.45	99.46	99.47	99.47	99.48	99.49	99.50
3	27.23	27.05	26.87	26.65	26.60	26.50	26.41	26.32	26.22	26.13
4	14.55	14.37	14.20	14.02	13.93	13.84	13.75	13.65	13.56	13.46
5	10.05	9.89	9.72	9.55	9.47	9.38	9.29	9.20	9.11	9.02
6	7.87	7.72	7.56	7.40	7.31	7.23	7.14	7.06	6.97	6.88
7	6.65	6.47	6.31	6.16	6.07	5.99	5.91	5.82	5.74	5.65
8	5.81	5.67	5.52	5.36	5.28	5.20	5.12	5.03	4.95	4.86
9	5.25	5.11	4.96	4.81	4.73	4.65	4.57	4.48	4.40	4.31
10	4.85	4.71	4.56	4.41	4.33	4.25	4.17	4.08	4.00	3.91
11	4.54	4.40	4.25	4.10	4.02	3.94	3.86	3.78	3.69	3.60
12	4.30	4.16	4.01	3.86	3.78	3.70	3.62	3.54	3.45	3.36
13	4.10	3.96	3.82	3.66	3.59	3.51	3.43	3.34	3.25	3.17
14	3.94	3.80	3.66	3.51	3.43	3.35	3.27	3.18	3.09	3.00
15	3.80	3.67	3.52	3.37	3.29	3.21	3.13	3.05	2.96	2.87
16	3.69	3.55	3.41	3.26	3.18	3.10	3.02	2.93	2.84	2.75
17	3.59	3.46	3.31	3.16	3.08	3.00	2.92	2.83	2.75	2.65
18	3.51	3.37	3.23	3.08	3.00	2.92	2.84	2.75	2.66	2.57
19	3.43	3.30	3.15	3.00	2.92	2.84	2.76	2.67	2.58	2.49
20	3.37	3.23	3.09	2.94	2.86	2.78	2.69	2.61	2.52	2.42
21	3.31	3.17	3.03	2.88	2.80	2.72	2.64	2.55	2.46	2.36
22	3.26	3.12	2.98	2.83	2.75	2.67	2.58	2.50	2.40	2.31
23	3.21	3.07	2.93	2.78	2.70	2.62	2.54	2.45	2.35	2.26
24	3.17	3.03	2.89	2.74	2.66	2.58	2.49	2.40	2.31	2.21
25	3.13	2.99	2.85	2.70	2.62	2.54	2.45	2.36	2.27	2.17
26	3.09	2.96	2.81	2.66	2.58	2.50	2.42	2.33	2.23	2.13
27	3.06	2.93	2.78	2.63	2.55	2.47	2.38	2.29	2.20	2.10
28	3.03	2.90	2.75	2.60	2.52	2.44	2.35	2.26	2.17	2.06
29	3.00	2.87	2.73	2.57	2.49	2.41	2.33	2.23	2.14	2.03
30	2.98	2.84	2.70	2.55	2.47	2.39	2.30	2.21	2.11	2.01
40	2.80	2.66	2.52	2.37	2.29	2.20	2.11	2.02	1.92	1.80
60	2.63	2.50	2.35	2.20	2.12	2.03	1.94	1.84	1.73	1.60
120	2.47	2.34	2.19	2.03	1.95	1.86	1.76	1.66	1.53	1.38
∞	2.32	2.18	2.04	1.88	1.79	1.70	1.59	1.47	1.32	1.00

TABEL A.7 (lanjutan)
 Nilai Kritik Sebaran F
 $f_{0.01}(v_1, v_2)$

v_2	v_1								
	1	2	3	4	5	6	7	8	9
1	4052	4999.5	5403	5625	5764	5859	5928	5981	6022
2	98.56	99.00	99.17	99.25	99.30	99.33	99.36	99.37	99.39
3	34.12	30.82	29.46	28.71	28.24	27.91	27.67	27.49	27.35
4	21.20	18.00	16.59	15.98	15.52	15.21	14.98	14.80	14.66
5	16.26	13.77	12.06	11.39	10.97	10.67	10.46	10.29	10.16
6	13.75	10.92	9.78	9.15	8.75	8.47	8.26	8.10	7.98
7	12.25	9.55	8.45	7.85	7.46	7.19	6.99	6.84	6.72
8	11.26	8.65	7.59	7.01	6.63	6.37	6.18	6.03	5.91
9	10.56	8.02	6.99	6.42	6.06	5.80	5.61	5.47	5.35
10	10.04	7.56	6.55	5.99	5.64	5.39	5.20	5.05	4.94
11	9.65	7.21	6.22	5.67	5.32	5.07	4.89	4.74	4.63
12	9.33	6.93	5.95	5.41	5.06	4.82	4.64	4.50	4.39
13	9.07	6.70	5.74	5.21	4.86	4.62	4.44	4.30	4.19
14	8.86	6.51	5.56	5.04	4.69	4.46	4.28	4.14	4.03
15	8.68	6.36	5.42	4.89	4.56	4.32	4.14	4.00	3.89
16	8.53	6.23	5.29	4.77	4.44	4.20	4.03	3.89	3.78
17	8.40	6.11	5.18	4.67	4.34	4.10	3.93	3.79	3.68
18	8.29	6.01	5.09	4.58	4.25	4.01	3.84	3.71	3.60
19	8.18	5.93	5.01	4.50	4.17	3.94	3.77	3.63	3.52
20	8.10	5.85	4.94	4.43	4.10	3.87	3.70	3.56	3.46
21	8.02	5.78	4.87	4.37	4.04	3.81	3.64	3.51	3.40
22	7.95	5.72	4.82	4.31	3.99	3.76	3.59	3.45	3.35
23	7.88	5.66	4.76	4.26	3.94	3.71	3.54	3.41	3.30
24	7.82	5.61	4.72	4.22	3.90	3.67	3.50	3.36	3.26
25	7.77	5.57	4.68	4.18	3.85	3.63	3.46	3.32	3.22
26	7.72	5.53	4.64	4.14	3.82	3.59	3.42	3.29	3.18
27	7.68	5.49	4.60	4.11	3.78	3.56	3.39	3.26	3.15
28	7.64	5.45	4.57	4.07	3.75	3.53	3.36	3.23	3.12
29	7.60	5.42	4.54	4.04	3.73	3.50	3.33	3.20	3.09
30	7.56	5.39	4.51	4.02	3.70	3.47	3.30	3.17	3.07
40	7.31	5.18	4.31	3.83	3.51	3.29	3.12	2.99	2.89
60	7.08	4.98	4.13	3.65	3.34	3.12	2.95	2.82	2.72
120	6.85	4.79	3.95	3.48	3.17	2.96	2.79	2.66	2.56
∞	6.63	4.61	3.78	3.32	3.02	2.80	2.64	2.51	2.41

TABEL A.7 (lanjutan)
 Nilai Kritis Sebaran F
 $f_{\alpha}(v_1, v_2)$

v_2	v_1									
	10	12	15	20	24	30	40	60	120	∞
1	241.9	243.9	245.9	248.0	249.1	250.1	251.1	252.2	253.3	254.3
2	19.40	19.41	19.43	19.45	19.45	19.46	19.47	19.48	19.49	19.50
3	8.79	8.74	8.70	8.66	8.64	8.62	8.59	8.57	8.55	8.53
4	5.96	5.91	5.86	5.80	5.77	5.75	5.72	5.69	5.66	5.63
5	4.74	4.68	4.62	4.56	4.53	4.50	4.46	4.43	4.40	4.36
6	4.05	4.00	3.94	3.87	3.84	3.81	3.77	3.74	3.70	3.67
7	3.64	3.57	3.51	3.44	3.41	3.38	3.34	3.30	3.27	3.23
8	3.35	3.28	3.22	3.15	3.12	3.08	3.04	3.01	2.97	2.93
9	3.14	3.07	3.01	2.94	2.90	2.86	2.83	2.79	2.75	2.71
10	2.98	2.91	2.85	2.77	2.74	2.70	2.66	2.62	2.58	2.54
11	2.85	2.79	2.72	2.65	2.61	2.57	2.53	2.49	2.45	2.40
12	2.75	2.69	2.62	2.54	2.51	2.47	2.43	2.38	2.34	2.30
13	2.67	2.60	2.53	2.46	2.42	2.38	2.34	2.30	2.25	2.21
14	2.60	2.53	2.46	2.39	2.35	2.31	2.27	2.22	2.18	2.13
15	2.54	2.48	2.40	2.33	2.29	2.25	2.20	2.16	2.11	2.07
16	2.49	2.42	2.35	2.28	2.24	2.19	2.15	2.11	2.06	2.01
17	2.45	2.38	2.31	2.23	2.19	2.15	2.10	2.06	2.01	1.96
18	2.41	2.34	2.27	2.19	2.15	2.11	2.06	2.02	1.97	1.92
19	2.38	2.31	2.23	2.16	2.11	2.07	2.03	1.98	1.93	1.88
20	2.35	2.28	2.20	2.12	2.08	2.04	1.99	1.95	1.90	1.84
21	2.32	2.25	2.18	2.10	2.05	2.01	1.96	1.92	1.87	1.81
22	2.30	2.23	2.15	2.07	2.03	1.98	1.94	1.89	1.84	1.78
23	2.27	2.20	2.13	2.05	2.01	1.96	1.91	1.86	1.81	1.76
24	2.25	2.18	2.11	2.03	1.98	1.94	1.89	1.84	1.79	1.73
25	2.24	2.16	2.09	2.01	1.96	1.92	1.87	1.82	1.77	1.71
26	2.22	2.15	2.07	1.99	1.95	1.90	1.85	1.80	1.75	1.69
27	2.20	2.13	2.06	1.97	1.93	1.88	1.84	1.79	1.73	1.67
28	2.19	2.12	2.04	1.96	1.91	1.87	1.82	1.77	1.71	1.65
29	2.18	2.10	2.03	1.94	1.90	1.85	1.81	1.75	1.70	1.64
30	2.16	2.09	2.01	1.93	1.89	1.84	1.79	1.74	1.68	1.62
40	2.08	2.00	1.92	1.84	1.79	1.74	1.69	1.64	1.58	1.51
60	1.99	1.92	1.84	1.75	1.70	1.65	1.59	1.53	1.47	1.39
120	1.91	1.83	1.75	1.66	1.61	1.55	1.50	1.43	1.35	1.25
∞	1.83	1.75	1.67	1.57	1.52	1.46	1.39	1.32	1.22	1.00

TABEL II
NILAI-NILAI DALAM DISTRIBUSI t

α untuk uji dua pihak (two tail test)						
	0,50	0,20	0,10	0,05	0,02	0,01
α untuk uji satu pihak (one tail test)						
dk	0,25	0,10	0,05	0,025	0,01	0,005
1	1,000	3,078	6,314	12,706	31,821	63,657
2	0,816	1,886	2,920	4,303	6,965	9,925
3	0,765	1,638	2,353	3,182	4,541	5,841
4	0,741	1,533	2,132	2,776	3,747	4,604
5	0,727	1,476	2,015	2,571	3,365	4,032
6	0,718	1,440	1,943	2,447	3,143	3,707
7	0,711	1,415	1,895	2,365	2,998	3,499
8	0,706	1,397	1,860	2,306	2,896	3,355
9	0,703	1,383	1,833	2,262	2,821	3,250
10	0,700	1,372	1,812	2,228	2,764	3,169
11	0,697	1,363	1,796	2,201	2,718	3,106
12	0,695	1,356	1,782	2,179	2,681	3,055
13	0,692	1,350	1,771	2,160	2,650	3,012
14	0,691	1,345	1,761	2,145	2,624	2,977
15	0,690	1,341	1,753	2,131	2,602	2,947
16	0,689	1,337	1,746	2,120	2,583	2,921
17	0,688	1,333	1,740	2,110	2,567	2,898
18	0,688	1,330	1,734	2,101	2,552	2,878
19	0,687	1,328	1,729	2,093	2,539	2,861
20	0,687	1,325	1,725	2,086	2,528	2,845
21	0,686	1,323	1,721	2,080	2,518	2,831
22	0,686	1,321	1,717	2,074	2,508	2,819
23	0,685	1,319	1,714	2,069	2,500	2,807
24	0,685	1,318	1,711	2,064	2,492	2,797
25	0,684	1,316	1,708	2,060	2,485	2,787
26	0,684	1,315	1,706	2,056	2,479	2,779
27	0,684	1,314	1,703	2,052	2,473	2,771
28	0,683	1,313	1,701	2,048	2,467	2,763
29	0,683	1,311	1,699	2,045	2,462	2,756
30	0,683	1,310	1,697	2,042	2,457	2,750
40	0,681	1,303	1,684	2,021	2,423	2,704
60	0,679	1,296	1,671	2,000	2,390	2,660
120	0,677	1,289	1,658	1,980	2,358	2,617
∞	0,674	1,282	1,645	1,960	2,326	2,576

Pengujian 1

n	Variabel																												R	R ²	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			
1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	25	625
2	1	1	1	1	1	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24	576
3	1	1	1	1	1	0	0	1	1	0	0	0	0	1	1	0	1	1	1	1	1	1	0	1	1	1	1	0	1	19	361
4	1	1	1	1	0	0	0	1	0	1	1	1	1	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	19	361
5	1	1	1	1	1	0	0	1	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484
6	1	1	1	1	1	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	23	529
7	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24	576
8	1	1	1	1	1	1	0	1	1	0	1	1	1	1	0	1	0	0	1	1	1	0	1	1	1	1	1	1	1	21	441
9	1	0	1	1	1	1	0	1	1	0	0	0	1	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	18	324
10	1	1	1	1	1	1	0	1	1	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	22	484
11	1	1	1	0	1	0	0	1	1	1	1	0	1	0	1	0	1	0	1	1	1	1	0	1	1	1	1	1	1	19	361
12	1	1	1	1	0	0	0	1	1	1	1	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	21	441
13	1	1	1	1	1	1	0	1	1	0	0	1	1	0	1	0	1	1	1	1	1	0	0	1	1	1	1	1	1	18	324
14	1	1	1	1	1	0	0	1	1	0	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	20	400
15	1	1	1	1	0	0	1	1	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484
16	1	1	1	1	1	0	0	1	1	0	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	23	529
17	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	23	529
18	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	26	676
19	1	1	1	1	1	0	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	26	676
20	1	1	1	1	1	1	1	1	1	1	0	1	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	24	576
21	1	1	1	1	1	1	0	1	1	0	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	23	529
22	1	1	1	1	1	1	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	1	1	0	1	1	1	1	1	19	361
23	1	1	1	1	1	0	0	1	1	0	1	0	0	1	1	0	1	0	1	0	1	1	1	0	1	0	1	1	1	19	361
24	1	1	1	1	1	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	0	1	1	1	21	441
25	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	625
26	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	625
27	1	1	1	1	1	0	0	1	1	1	1	1	1	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	23	529
28	1	1	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	1	0	1	0	1	0	0	0	1	1	13	169
29	1	1	1	1	1	0	1	1	1	1	1	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	23	529
30	1	1	1	0	0	0	0	1	1	1	1	0	0	1	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	14	196
Σ	30	28	30	28	25	7	13	27	21	17	21	10	23	9	21	15	27	25	28	25	28	28	20	28	24	28	28	29	643	14071	
CI	900	784	900	784	625	49	169	729	441	289	441	100	529	81	441	225	729	625	784	625	784	784	400	784	576	784	784	841	15087		

buang variabel no 6

Pengujian 2

n	Variabel																												Ri	R ²	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24	576
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24	576
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	361
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	361
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	23	529
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24	576
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20	400
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18	324
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18	324
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	361
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	21	441
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18	324
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20	400
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	23	529
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	26	676
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	625
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	23	529
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18	324
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	361
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	21	441
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	625
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24	576
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	23	529
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	13	169
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	23	529
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	196
Cl	30	28	30	28	26	13	27	21	17	21	10	23	9	21	15	27	25	28	25	28	25	28	20	28	24	28	28	28	29	636	13758
C ²	900	784	900	784	625	169	729	441	289	441	100	529	81	441	225	729	625	784	625	784	625	784	400	784	576	784	784	841		15038	

buang variabel no 14

Pengujian 3

n	Variabel																														Ri	Ri²
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28					
1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	24	576		
2	1	1	1	1	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	23	529			
3	1	1	1	1	1	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	18	324			
4	1	1	1	1	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	19	361			
5	1	1	1	1	1	1	0	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484			
6	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	23	529			
7	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24	576			
8	1	1	1	1	1	1	0	1	1	0	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	1	1	19	361			
9	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	19	361			
10	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	22	484			
11	1	1	1	1	0	1	0	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	0	1	1	1	0	19	361			
12	1	1	1	1	0	0	1	1	1	1	1	0	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	21	441			
13	1	1	1	1	1	1	1	1	0	0	0	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	17	289			
14	1	1	1	1	1	0	1	1	1	0	0	1	1	0	0	1	1	1	1	1	0	1	1	1	1	1	1	19	361			
15	1	1	1	1	0	1	1	1	1	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484			
16	1	1	1	1	1	0	1	1	1	0	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	22	484			
17	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484			
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	625			
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	625			
20	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	23	529			
21	1	1	1	1	1	1	0	1	1	0	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	22	484			
22	1	1	1	1	1	0	0	1	1	0	1	1	0	1	1	0	1	1	1	1	0	1	1	1	1	1	1	18	324			
23	1	1	1	1	1	0	1	1	1	0	1	0	0	1	1	0	1	1	1	1	1	0	1	1	1	1	1	18	324			
24	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	20	400			
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	25	625			
26	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24	576			
27	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	23	529			
28	1	1	1	1	0	0	1	1	1	0	0	1	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	13	169			
29	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	23	529			
30	1	1	1	0	0	1	1	1	1	1	0	1	1	0	0	1	1	1	1	1	0	1	1	1	1	1	1	14	196			
Σ	30	29	30	28	25	13	27	21	17	21	10	23	21	15	27	25	28	25	28	25	28	28	20	28	24	28	28	628	13434			
Ci	900	841	900	784	625	169	729	441	289	441	100	529	441	225	729	625	784	625	784	625	784	400	784	576	784	784	841	15914				

buang variabel no 12

Pengujian 4

n	Variabel																												Ri	Ri ²
	1	2	3	4	5	6	7	8	9	10	11	13	15	16	17	18	19	20	21	22	23	24	25	26	27	28				
1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	23	529	
2	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	23	529	
3	1	1	1	1	1	1	0	1	1	0	0	1	0	1	1	1	1	1	1	1	1	0	1	1	0	1	1	18	324	
4	1	1	1	1	0	1	0	1	1	1	1	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	18	324	
5	1	1	1	1	1	0	1	0	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	21	441	
6	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	23	529	
7	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24	576	
8	1	1	1	1	1	1	0	1	1	0	1	1	0	1	0	0	1	1	1	1	0	1	1	1	1	1	1	18	324	
9	1	1	1	1	1	1	1	1	0	0	0	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	19	361	
10	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	22	484	
11	1	1	1	0	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	0	1	19	361	
12	1	1	1	1	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	21	441	
13	1	1	1	1	1	1	1	1	0	0	0	1	0	1	0	1	1	1	1	1	0	0	1	1	1	1	1	17	289	
14	1	1	1	1	1	1	0	1	1	0	0	1	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	19	361	
15	1	1	1	1	1	0	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484	
16	1	1	1	1	1	0	1	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484	
17	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	21	441	
18	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24	576	
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24	576	
20	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	23	529	
21	1	1	1	1	1	1	0	1	1	0	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	21	441	
22	1	1	1	1	1	1	0	0	1	0	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	18	324	
23	1	1	1	1	1	1	0	1	1	0	1	0	1	0	1	0	1	1	1	1	1	0	1	1	1	1	1	18	324	
24	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	20	400	
25	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24	576	
26	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	24	576	
27	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	22	484	
28	1	1	1	1	1	0	0	1	0	0	1	0	0	0	1	1	0	0	1	1	1	0	1	0	0	1	1	13	169	
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	23	529	
30	1	1	1	0	0	0	1	1	1	1	0	1	0	0	1	1	1	1	0	0	1	1	0	0	0	1	1	14	196	
C1	30	29	30	28	25	13	27	21	17	21	21	23	21	15	27	25	28	25	28	28	28	28	24	28	28	28	29	618	12882	
C1	900	841	900	784	625	189	729	441	289	441	289	441	529	441	225	729	625	784	625	784	784	400	784	576	784	784	841	15814		

buang variabel no 7

Pengujian 5

n	Variabel																												Ri	Ri ²
	1	2	3	4	5	8	9	10	11	13	15	16	17	18	19	20	21	22	23	24	25	26	27	28						
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484	
2	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	23	529	
3	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	18	324	
4	1	1	1	1	0	1	1	0	1	1	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	18	324	
5	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	21	441	
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	23	529	
7	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	23	529	
8	1	1	1	1	1	0	1	1	0	1	0	1	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	18	324	
9	1	1	1	1	1	1	1	0	0	0	1	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	18	324	
10	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	21	441	
11	1	1	1	0	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	0	1	1	1	1	1	1	0	19	361	
12	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	21	441	
13	1	1	1	1	1	1	1	0	0	0	1	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	16	256	
14	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	19	361	
15	1	1	1	1	0	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	21	441	
16	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484	
17	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	20	400	
18	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	23	529	
19	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	23	529	
20	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484	
21	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	21	441	
22	1	1	1	1	1	0	1	0	1	1	1	0	1	0	1	0	1	1	1	0	1	1	1	1	1	1	1	18	324	
23	1	1	1	1	1	1	1	1	0	1	0	1	0	1	0	1	1	1	1	0	1	0	1	1	1	1	1	18	324	
24	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	0	1	1	1	1	1	20	400	
25	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	23	529	
26	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	23	529	
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484	
28	1	1	1	1	0	1	1	0	0	1	0	0	1	1	0	0	1	1	0	1	1	0	1	1	1	1	1	13	169	
29	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484	
30	1	1	1	0	0	1	1	1	1	0	1	0	0	1	1	0	0	1	1	0	1	0	0	1	1	1	1	14	196	
Σ	30	29	30	28	25	27	21	17	21	23	21	15	27	25	28	25	28	28	20	28	24	28	28	28	28	29	584	11574		
CI ²	900	841	900	784	625	729	441	289	441	529	441	225	729	625	784	625	784	400	784	576	784	784	784	784	841	15204				

buang variabel no 16

Pengujian 6

n	Variabel																												Ri	Ri ²
	1	2	3	4	5	8	9	10	11	13	15	17	18	19	20	21	22	23	24	25	26	27	28							
1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484	
2	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484	
3	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	18	324	
4	1	1	1	1	0	1	0	1	1	1	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	18	324	
5	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20	400		
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484		
7	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484		
8	1	1	1	1	0	1	0	1	1	1	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	17	289		
9	1	1	1	1	1	1	1	0	0	0	1	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	17	289		
10	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	20	400		
11	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	19	361		
12	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	21	441		
13	1	1	1	1	1	1	1	0	0	0	1	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	15	225		
14	1	1	1	1	1	1	1	0	0	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	19	361		
15	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20	400		
16	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484		
17	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	19	361		
18	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484		
19	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484		
20	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484		
21	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	21	441		
22	1	1	1	1	1	0	1	0	1	1	1	1	0	1	0	1	1	0	1	1	1	1	1	1	1	1	18	324		
23	1	1	1	1	1	1	1	0	1	0	1	0	1	0	1	1	1	0	1	0	1	0	1	1	1	1	18	324		
24	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	0	1	0	1	0	1	1	1	1	19	361		
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484		
19	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484		
20	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484		
21	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	21	441		
22	1	1	1	1	1	1	0	1	0	1	1	1	0	1	0	1	1	0	1	1	1	1	1	1	1	1	18	324		
23	1	1	1	1	1	1	1	0	1	0	1	0	1	0	1	1	1	0	1	0	1	0	1	1	1	1	18	324		
24	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	0	1	0	1	0	1	1	1	1	19	361		
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484		
19	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484		
20	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484		
21	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	21	441		
22	1	1	1	1	1	1	0	1	0	1	1	1	0	1	0	1	1	0	1	1	1	1	1	1	1	1	18	324		
23	1	1	1	1	1	1	1	0	1	0	1	0	1	0	1	1	1	0	1	0	1	0	1	1	1	1	18	324		
24	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	0	1	0	1	0	1	1	1	1	19	361		
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484		
26	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484		
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484		
28	1	1	1	1	1	0	1	0	0	1	0	0	1	0	0	1	1	0	1	0	1	0	0	1	1	1	13	169		
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	22	484		
30	1	1	1	0	0	1	1	1	1	0	1	0	1	1	0	0	1	0	1	1	0	0	1	1	1	1	14	196		
C1	30	29	30	28	26	27	21	17	21	23	21	27	25	28	25	28	28	20	28	24	28	28	28	28	28	29	590	11798		
C1	900	841	900	784	625	729	441	289	441	529	441	729	625	784	625	784	784	400	784	576	784	784	784	841	841		15420			

buang variabel no 23

Pengujian 7

n	Variabel																												Ri	Ri ²
	1	2	3	4	5	8	9	10	11	13	15	17	18	19	20	21	22	24	25	26	27	28								
1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	21	441	
2	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	21	441	
3	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	18	324	
4	1	1	1	1	0	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	17	289	
5	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	361	
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	21	441	
7	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	21	441	
8	1	1	1	1	1	0	1	0	1	1	1	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	16	256	
9	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	17	289	
10	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	19	361	
11	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	361	
12	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	20	400	
13	1	1	1	1	1	1	1	0	0	0	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	15	225	
14	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18	324	
15	1	1	1	1	0	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	361	
16	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	21	441	
17	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	18	324	
18	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	21	441	
19	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	21	441	
20	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	21	441	
21	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	21	441	
22	1	1	1	1	1	1	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18	324	
23	1	1	1	1	1	1	1	1	0	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	18	324	
24	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	19	361	
25	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	21	441	
26	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	21	441	
27	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	21	441	
28	1	1	1	1	0	1	0	0	1	0	0	1	1	0	0	1	1	1	1	0	0	1	1	1	1	1	1	13	169	
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	21	441	
30	1	1	1	0	0	1	1	1	1	0	1	0	1	1	1	0	0	1	1	0	0	1	1	1	1	1	1	14	196	
CI	30	29	30	28	25	27	21	17	21	17	23	21	27	25	28	25	28	28	28	24	28	28	28	28	28	28	29	570	10982	
CI ²	900	841	900	784	625	729	441	289	441	289	441	629	441	729	625	784	625	784	784	576	784	784	784	784	784	841	15020			

buang variabel no 15

Pengujian 8

n	Variabel																														Ri	Ri ²		
	1	2	3	4	5	8	9	10	11	13	17	18	19	20	21	22	24	25	26	27	28													
1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20	400
2	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20	400
3	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	17	289	
4	1	1	1	1	0	1	1	0	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17	289	
5	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18	324	
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20	400	
7	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20	400	
8	1	1	1	1	1	0	1	1	0	1	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16	256	
9	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17	289		
10	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	18	324		
11	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18	324		
12	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	361		
13	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	15	225		
14	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18	324		
15	1	1	1	1	0	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18	324		
16	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20	400		
17	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17	289		
18	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20	400		
19	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20	400		
20	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20	400		
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20	400		
22	1	1	1	1	1	0	1	1	0	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17	289		
23	1	1	1	1	1	1	1	1	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17	289		
24	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18	324		
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	21	441		
26	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20	400		
27	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20	400		
28	1	1	1	1	1	0	1	0	0	1	0	1	1	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	13	169		
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	21	441		
30	1	1	1	0	0	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	196		
Ci	30	29	30	28	25	27	21	17	21	23	27	25	28	25	28	28	28	24	28	28	28	28	29	28	28	28	28	28	28	28	54	10167		
Ci ²	900	841	900	784	625	729	441	289	441	529	729	625	784	625	784	784	576	784	784	784	841	841	784	784	784	784	784	784	841	14679				

buang variabel no 10 & 11

Pengujian 9

n	Variabel																												Ri	R ²
	1	2	3	4	5	8	9	13	17	18	19	20	21	22	24	25	26	27	28											
1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18	324
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	361
3	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	17	289	
4	1	1	1	1	1	0	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	15	225	
5	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18	324	
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	18	324	
7	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18	324	
8	1	1	1	1	1	1	0	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	15	225	
9	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	16	256	
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	18	324	
11	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	16	256		
12	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	17	289		
13	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	16	256		
14	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	18	324		
15	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16	256		
16	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18	324		
17	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	17	289		
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	361		
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	361		
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	361		
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	361		
22	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16	256		
23	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16	256		
24	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16	256		
25	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	361		
26	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18	324		
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	18	324		
28	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	12	144		
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	19	361		
30	1	1	1	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	13	169		
C1	30	28	30	28	25	27	24	23	27	25	28	25	28	28	28	24	28	28	28	28	24	28	24	28	28	28	513	8865		
C ²	900	784	900	784	625	729	576	529	729	625	784	625	784	784	784	576	784	784	784	784	576	784	784	784	784	841	13927			

➤ Uji Validitas dan Reliabilitas 1

***** Method 1 (space saver) will be used for this analysis *****

RELIABILITY ANALYSIS - SCALE (ALPHA)

		Mean	Std Dev	Cases
1.	VAR1	3.4167	.4951	120.0
2.	VAR2	3.6583	.4763	120.0
3.	VAR3	3.7750	.4193	120.0
4.	VAR4	3.5083	.5020	120.0
5.	VAR5	3.4917	.5020	120.0
6.	VAR6	3.0500	.3632	120.0
7.	VAR7	3.5583	.4987	120.0
8.	VAR8	3.2917	.4564	120.0
9.	VAR9	3.1417	.5695	120.0
10.	VAR10	3.2083	.4078	120.0
11.	VAR11	3.5750	.4964	120.0
12.	VAR12	2.7083	.5560	120.0
13.	VAR13	3.7333	.4441	120.0
14.	VAR14	3.5667	.4976	120.0
15.	VAR15	3.3167	.6078	120.0
16.	VAR16	3.3000	.6163	120.0
17.	VAR17	3.6500	.4790	120.0
18.	VAR18	3.7667	.5142	120.0
19.	VAR19	3.5250	.5792	120.0

Statistics for	Mean	Variance	Std Dev	N of Variables
SCALE	65.2417	32.3529	5.6880	19

RELIABILITY ANALYSIS - SCALE (ALPHA)

Item-total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Alpha if Item Deleted
VAR1	61.8250	28.3809	.7065	.8885
VAR2	61.5833	28.4300	.7277	.8881
VAR3	61.4667	28.9905	.7057	.8896
VAR4	61.7333	28.9199	.5891	.8919
VAR5	61.7500	28.9454	.5841	.8921
VAR6	62.1917	30.8957	.3282	.8985
VAR7	61.6833	31.3106	.1422	.9046
VAR8	61.9500	29.5269	.5277	.8938
VAR9	62.1000	28.8471	.5201	.8942
VAR10	62.0333	30.2174	.4392	.8961
VAR11	61.6667	28.0896	.7634	.8868
VAR12	62.5333	28.5871	.5813	.8921
VAR13	61.5083	29.2436	.6063	.8918
VAR14	61.6750	29.8515	.4145	.8970
VAR15	61.9250	28.7254	.5000	.8951
VAR16	61.9417	28.4419	.5372	.8939
VAR17	61.5917	30.0924	.3865	.8976
VAR18	61.4750	29.5456	.4549	.8959
VAR19	61.7167	27.7678	.6961	.8882

Reliability Coefficients

N of Cases = 120.0 N of Items = 19

Alpha = .8986

➤ Uji Validitas dan Reliabilitas 2

➤ **REGRESSION BACKWARD**

Descriptive Statistics			
	Mean	Std. Deviation	N
Y	2.2667	.46261	120
VAR1	3.3000	.46018	120
VAR2	3.1917	.61214	120
VAR3	3.0750	.52119	120
VAR4	2.5917	.49359	120
VAR5	3.0000	.59409	120
VAR6	3.2000	.40168	120
VAR8	2.5333	.57880	120
VAR9	2.9500	.54772	120
VAR10	2.9750	.43892	120
VAR11	3.2500	.52260	120
VAR12	2.7750	.55704	120
VAR13	3.1667	.47338	120
VAR14	3.0833	.49507	120
VAR15	2.3417	.55754	120
VAR16	2.1917	.61214	120
VAR17	2.5000	.64820	120
VAR18	2.9583	.20066	120
VAR19	2.9750	.32957	120

Variables Entered/Removed(b)			
Model	Variables Entered	Variables Removed	Method
1	VAR19, VAR5, VAR18, VAR9, VAR1, VAR4, VAR3, VAR16, VAR6, VAR11, VAR17, VAR12, VAR8, VAR13, VAR10, VAR14, VAR15(a)		Enter
2		VAR14	Backward (criterion: Probability of F-to-remove >= .100).
3		VAR9	Backward (criterion: Probability of F-to-remove >= .100).
4		VAR3	Backward (criterion: Probability of F-to-remove >= .100).
a Tolerance = .000 limits reached.			
b Dependent Variable: Y			

Model Summary(e)

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.934(a)	.872	.851	.17861
2	.934(b)	.872	.852	.17775
3	.934(c)	.872	.854	.17694
4	.933(d)	.870	.853	.17766
a Predictors: (Constant), VAR19, VAR5, VAR18, VAR9, VAR1, VAR4, VAR3, VAR16, VAR6, VAR11, VAR17, VAR12, VAR8, VAR13, VAR10, VAR14, VAR15				
b Predictors: (Constant), VAR19, VAR5, VAR18, VAR9, VAR1, VAR4, VAR3, VAR16, VAR6, VAR11, VAR17, VAR12, VAR8, VAR13, VAR10, VAR15				
c Predictors: (Constant), VAR19, VAR5, VAR18, VAR1, VAR4, VAR3, VAR16, VAR6, VAR11, VAR17, VAR12, VAR8, VAR13, VAR10, VAR15				
d Predictors: (Constant), VAR19, VAR5, VAR18, VAR1, VAR4, VAR16, VAR6, VAR11, VAR17, VAR12, VAR8, VAR13, VAR10, VAR15				
e Dependent Variable: Y				

ANOVA(e)						
Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	22.213	17	1.307	40.960	.000(a)
	Residual	3.254	102	.032		
	Total	25.467	119			
2	Regression	22.212	16	1.388	43.937	.000(b)
	Residual	3.254	103	.032		
	Total	25.467	119			
3	Regression	22.210	15	1.481	47.293	.000(c)
	Residual	3.256	104	.031		
	Total	25.467	119			
4	Regression	22.152	14	1.582	50.130	.000(d)
	Residual	3.314	105	.032		
	Total	25.467	119			
a Predictors: (Constant), VAR19, VAR5, VAR18, VAR9, VAR1, VAR4, VAR3, VAR16, VAR6, VAR11, VAR17, VAR12, VAR8, VAR13, VAR10, VAR14, VAR15						
b Predictors: (Constant), VAR19, VAR5, VAR18, VAR9, VAR1, VAR4, VAR3, VAR16, VAR6, VAR11, VAR17, VAR12, VAR8, VAR13, VAR10, VAR15						
c Predictors: (Constant), VAR19, VAR5, VAR18, VAR1, VAR4, VAR3, VAR16, VAR6, VAR11, VAR17, VAR12, VAR8, VAR13, VAR10, VAR15						
d Predictors: (Constant), VAR19, VAR5, VAR18, VAR1, VAR4, VAR16, VAR6, VAR11, VAR17, VAR12, VAR8, VAR13, VAR10, VAR15						
e Dependent Variable: Y						

Coefficients(a)						
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		

1	(Constant)	-3.503	.470		-7.447	.000
	VAR1	.631	.185	.627	3.416	.001
	VAR3	-.100	.082	-.112	-1.218	.226
	VAR4	.191	.067	.204	2.847	.005
	VAR5	.096	.042	.123	2.305	.023
	VAR6	-.488	.255	-.424	-1.916	.058
	VAR8	.181	.064	.226	2.826	.006
	VAR9	-.023	.086	-.027	-.268	.789
	VAR10	-.587	.143	-.557	-4.111	.000
	VAR11	-.199	.179	-.224	-1.108	.271
	VAR12	-.145	.073	-.175	-2.004	.048
	VAR13	.629	.095	.644	6.612	.000
	VAR14	.026	.193	.028	.137	.891
	VAR15	.851	.221	1.026	3.858	.000
	VAR16	-.410	.178	-.542	-2.306	.023
	VAR17	.156	.054	.218	2.908	.004
	VAR18	1.034	.243	.448	4.246	.000
	VAR19	.190	.113	.135	1.680	.096
	2	(Constant)	-3.490	.459		-7.600
VAR1		.611	.118	.608	5.164	.000
VAR3		-.104	.076	-.117	-1.355	.178
VAR4		.191	.067	.204	2.866	.005
VAR5		.096	.041	.123	2.320	.022
VAR6		-.461	.157	-.400	-2.930	.004
VAR8		.180	.063	.225	2.843	.005
VAR9		-.018	.077	-.021	-.232	.817
VAR10		-.574	.108	-.545	-5.323	.000
VAR11		-.178	.093	-.201	-1.915	.058
VAR12		-.151	.058	-.182	-2.598	.011
VAR13		.634	.087	.649	7.312	.000
VAR15		.843	.212	1.016	3.979	.000
VAR16		-.403	.171	-.534	-2.362	.020
VAR17	.153	.050	.215	3.046	.003	
VAR18	1.017	.211	.441	4.828	.000	
VAR19	.189	.112	.134	1.683	.095	
3	(Constant)	-3.526	.430		-8.192	.000
	VAR1	.612	.118	.609	5.195	.000
	VAR3	-.104	.076	-.117	-1.362	.176
	VAR4	.185	.060	.197	3.090	.003

	VAR5	.101	.036	.129	2.802	.006
	VAR6	-.450	.149	-.390	-3.022	.003
	VAR8	.175	.059	.219	2.945	.004
	VAR10	-.570	.106	-.540	-5.390	.000
	VAR11	-.176	.092	-.199	-1.912	.059
	VAR12	-.157	.053	-.189	-2.978	.004
	VAR13	.623	.071	.637	8.729	.000
	VAR15	.834	.207	1.005	4.026	.000
	VAR16	-.401	.170	-.531	-2.365	.020
	VAR17	.152	.050	.213	3.054	.003
	VAR18	1.018	.210	.442	4.856	.000
	VAR19	.193	.110	.137	1.747	.084
4	(Constant)	-3.465	.430		-8.062	.000
	VAR1	.562	.112	.559	5.001	.000
	VAR4	.138	.049	.147	2.809	.006
	VAR5	.100	.036	.128	2.768	.007
	VAR6	-.397	.144	-.345	-2.752	.007
	VAR8	.145	.055	.181	2.618	.010
	VAR10	-.583	.106	-.553	-5.519	.000
	VAR11	-.153	.091	-.173	-1.682	.095
	VAR12	-.116	.043	-.139	-2.671	.009
	VAR13	.605	.070	.619	8.592	.000
	VAR15	.714	.188	.861	3.793	.000
	VAR16	-.343	.165	-.454	-2.081	.040
	VAR17	.186	.043	.261	4.307	.000
	VAR18	.874	.181	.379	4.814	.000
	VAR19	.268	.096	.191	2.791	.006
a Dependent Variable: Y						

Excluded Variables(e)						
Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
1	VAR2	.(a)000
2	VAR2	.035(b)	.137	.891	.014	.019
	VAR14	.028(b)	.137	.891	.014	.029

3	VAR2	.006(c)	.025	.980	.002	.023
	VAR14	.005(c)	.025	.980	.002	.036
	VAR9	-.021(c)	-.232	.817	-.023	.148
4	VAR2	.098(d)	.449	.654	.044	.026
	VAR14	.080(d)	.449	.654	.044	.040
	VAR9	-.021(d)	-.233	.816	-.023	.148
	VAR3	-.117(d)	-1.362	.176	-.132	.167
a Predictors in the Model: (Constant), VAR19, VAR5, VAR18, VAR9, VAR1, VAR4, VAR3, VAR16, VAR6, VAR11, VAR17, VAR12, VAR8, VAR13, VAR10, VAR14, VAR15						
b Predictors in the Model: (Constant), VAR19, VAR5, VAR18, VAR9, VAR1, VAR4, VAR3, VAR16, VAR6, VAR11, VAR17, VAR12, VAR8, VAR13, VAR10, VAR15						
c Predictors in the Model: (Constant), VAR19, VAR5, VAR18, VAR1, VAR4, VAR3, VAR16, VAR6, VAR11, VAR17, VAR12, VAR8, VAR13, VAR10, VAR15						
d Predictors in the Model: (Constant), VAR19, VAR5, VAR18, VAR1, VAR4, VAR16, VAR6, VAR11, VAR17, VAR12, VAR8, VAR13, VAR10, VAR15						
e Dependent Variable: Y						

Casewise Diagnostics(a)				
Case Number	Std. Residual	Y	Predicted Value	Residual
10	-4.796	1.00	1.8521	-.8521
78	-4.895	2.00	2.8696	-.8696
81	-3.180	2.00	2.5650	-.5650
a Dependent Variable: Y				

Residuals Statistics(a)					
	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	1.8033	3.0521	2.2667	.43146	120
Std. Predicted Value	-1.074	1.820	.000	1.000	120
Standard Error of Predicted Value	.04326	.07945	.06214	.00919	120
Adjusted Predicted Value	1.7852	3.0620	2.2787	.43755	115
Residual	-.8696	.4350	.0000	.16689	120
Std. Residual	-4.895	2.448	.000	.939	120
Stud. Residual	-5.304	2.551	-.001	1.023	115
Deleted Residual	-1.0212	.4723	-.0005	.19390	115
Stud. Deleted Residual	-6.170	2.622	-.015	1.112	115
Mahal. Distance	6.065	22.808	13.883	4.280	120
Cook's Distance	.000	.349	.010	.045	115
Centered Leverage Value	.051	.192	.117	.036	120
a Dependent Variable: Y					

➤ **REGRESSION ENTER**

Descriptive Statistics			
	Mean	Std. Deviation	N
Y	2.2667	.46261	120
VAR1	3.3000	.46018	120
VAR2	3.1917	.61214	120
VAR3	3.0750	.52119	120
VAR4	2.5917	.49359	120
VAR5	3.0000	.59409	120
VAR6	3.2000	.40168	120
VAR8	2.5333	.57880	120
VAR9	2.9500	.54772	120
VAR10	2.9750	.43892	120
VAR11	3.2500	.52260	120
VAR12	2.7750	.55704	120
VAR13	3.1667	.47338	120
VAR14	3.0833	.49507	120
VAR15	2.3417	.55754	120
VAR16	2.1917	.61214	120
VAR17	2.5000	.64820	120
VAR18	2.9583	.20066	120
VAR19	2.9750	.32957	120

Variables Entered/Removed(b)			
Model	Variables Entered	Variables Removed	Method
1	VAR19, VAR5, VAR18, VAR9, VAR1, VAR4, VAR3, VAR16, VAR6, VAR11, VAR17, VAR12, VAR8, VAR13, VAR10, VAR14, VAR15(a)		Enter
a Tolerance = .000 limits reached.			
b Dependent Variable: Y			

Model Summary(b)						
Model	R	R Square	Adjusted R Square	Std. Error of the Estimate		
1	.934(a)	.872	.851	.17861		
a Predictors: (Constant), VAR19, VAR5, VAR18, VAR9, VAR1, VAR4, VAR3, VAR16, VAR6, VAR11, VAR17, VAR12, VAR8, VAR13, VAR10, VAR14, VAR15						
b Dependent Variable: Y						
ANOVA(b)						
Model		Sum of	df	Mean	F	Sig.

		Squares		Square		
1	Regression	22.213	17	1.307	40.960	.000(a)
	Residual	3.254	102	.032		
	Total	25.467	119			

a Predictors: (Constant), VAR19, VAR5, VAR18, VAR9, VAR1, VAR4, VAR3, VAR16, VAR6, VAR11, VAR17, VAR12, VAR8, VAR13, VAR10, VAR14, VAR15

b Dependent Variable: Y

Coefficients(a)						
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-3.503	.470		-7.447	.000
	VAR1	.631	.185	.627	3.416	.001
	VAR3	-.100	.082	-.112	-1.218	.226
	VAR4	.191	.067	.204	2.847	.005
	VAR5	.096	.042	.123	2.305	.023
	VAR6	-.488	.255	-.424	-1.916	.058
	VAR8	.181	.064	.226	2.826	.006
	VAR9	-.023	.086	-.027	-.268	.789
	VAR10	-.587	.143	-.557	-4.111	.000
	VAR11	-.199	.179	-.224	-1.108	.271
	VAR12	-.145	.073	-.175	-2.004	.048
	VAR13	.629	.095	.644	6.612	.000
	VAR14	.026	.193	.028	.137	.891
	VAR15	.851	.221	1.026	3.858	.000
	VAR16	-.410	.178	-.542	-2.306	.023
	VAR17	.156	.054	.218	2.908	.004
	VAR18	1.034	.243	.448	4.246	.000
	VAR19	.190	.113	.135	1.680	.096

a Dependent Variable: Y

Excluded Variables(b)						
Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance

1	VAR2	.(a)	.	.	.000
a Predictors in the Model: (Constant), VAR19, VAR5, VAR18, VAR9, VAR1, VAR4, VAR3, VAR16, VAR6, VAR11, VAR17, VAR12, VAR8, VAR13, VAR10, VAR14, VAR15					
b Dependent Variable: Y					

Casewise Diagnostics(a)				
Case Number	Std. Residual	Y	Predicted Value	Residual
10	-4.673	1.00	1.8347	-.8347
78	-4.868	2.00	2.8694	-.8694
81	-3.272	2.00	2.5844	-.5844
a Dependent Variable: Y				

Residuals Statistics(a)					
	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	1.7933	3.0347	2.2667	.43204	120
Std. Predicted Value	-1.096	1.778	.000	1.000	120
Standard Error of Predicted Value	.05298	.08152	.06872	.00791	120
Adjusted Predicted Value	1.7716	3.0428	2.2788	.43842	115
Residual	-.8694	.4156	.0000	.16536	120
Std. Residual	-4.868	2.327	.000	.926	120
Stud. Residual	-5.308	2.455	-.001	1.021	115
Deleted Residual	-1.0340	.4625	-.0005	.19704	115
Stud. Deleted Residual	-6.209	2.518	-.016	1.113	115
Mahal. Distance	9.478	23.798	16.858	3.995	120
Cook's Distance	.000	.351	.010	.043	115
Centered Leverage Value	.080	.200	.142	.034	120
a Dependent Variable: Y					

➤ **REGRESSION FOWARD**

Descriptive Statistics			
	Mean	Std. Deviation	N
Y	2.2667	.46261	120
VAR1	3.3000	.46018	120
VAR2	3.1917	.61214	120
VAR3	3.0750	.52119	120
VAR4	2.5917	.49359	120
VAR5	3.0000	.59409	120
VAR6	3.2000	.40168	120
VAR8	2.5333	.57880	120
VAR9	2.9500	.54772	120
VAR10	2.9750	.43892	120
VAR11	3.2500	.52260	120
VAR12	2.7750	.55704	120
VAR13	3.1667	.47338	120
VAR14	3.0833	.49507	120
VAR15	2.3417	.55754	120
VAR16	2.1917	.61214	120
VAR17	2.5000	.64820	120
VAR18	2.9583	.20066	120
VAR19	2.9750	.32957	120

Variables Entered/Removed(a)			
Model	Variables Entered	Variables Removed	Method
1	VAR13	.	Forward (Criterion: Probability-of-F-to-enter <= .050)
2	VAR17	.	Forward (Criterion: Probability-of-F-to-enter <= .050)
3	VAR1	.	Forward (Criterion: Probability-of-F-to-enter <= .050)
4	VAR8	.	Forward (Criterion: Probability-of-F-to-enter <= .050)
5	VAR15	.	Forward (Criterion: Probability-of-F-to-enter <= .050)
6	VAR18	.	Forward (Criterion: Probability-of-F-to-enter <= .050)
7	VAR5	.	Forward (Criterion: Probability-of-F-to-enter <= .050)

a Dependent Variable: Y

Model Summary(h)				
Model	R	R Square	Adjusted R Square	Std. Error of the Estimate

1	.755(a)	.570	.566	.30480
2	.843(b)	.711	.706	.25065
3	.862(c)	.744	.737	.23720
4	.878(d)	.771	.763	.22526
5	.885(e)	.782	.773	.22050
6	.892(f)	.796	.785	.21432
7	.897(g)	.804	.792	.21098
a Predictors: (Constant), VAR13				
b Predictors: (Constant), VAR13, VAR17				
c Predictors: (Constant), VAR13, VAR17, VAR1				
d Predictors: (Constant), VAR13, VAR17, VAR1, VAR8				
e Predictors: (Constant), VAR13, VAR17, VAR1, VAR8, VAR15				
f Predictors: (Constant), VAR13, VAR17, VAR1, VAR8, VAR15, VAR18				
g Predictors: (Constant), VAR13, VAR17, VAR1, VAR8, VAR15, VAR18, VAR5				
h Dependent Variable: Y				

ANOVA(h)						
Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	14.504	1	14.504	156.122	.000(a)
	Residual	10.963	118	.093		
	Total	25.467	119			
2	Regression	18.116	2	9.058	144.185	.000(b)
	Residual	7.350	117	.063		
	Total	25.467	119			
3	Regression	18.940	3	6.313	112.211	.000(c)
	Residual	6.527	116	.056		
	Total	25.467	119			
4	Regression	19.631	4	4.908	96.723	.000(d)
	Residual	5.835	115	.051		
	Total	25.467	119			
5	Regression	19.924	5	3.985	81.957	.000(e)
	Residual	5.543	114	.049		
	Total	25.467	119			
6	Regression	20.276	6	3.379	73.574	.000(f)
	Residual	5.190	113	.046		
	Total	25.467	119			
7	Regression	20.481	7	2.926	65.729	.000(g)
	Residual	4.986	112	.045		
	Total	25.467	119			
a Predictors: (Constant), VAR13						

b Predictors: (Constant), VAR13, VAR17
c Predictors: (Constant), VAR13, VAR17, VAR1
d Predictors: (Constant), VAR13, VAR17, VAR1, VAR8
e Predictors: (Constant), VAR13, VAR17, VAR1, VAR8, VAR15
f Predictors: (Constant), VAR13, VAR17, VAR1, VAR8, VAR15, VAR18
g Predictors: (Constant), VAR13, VAR17, VAR1, VAR8, VAR15, VAR18, VAR5
h Dependent Variable: Y

Coefficients(a)						
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.069	.189		-.364	.717
	VAR13	.738	.059	.755	12.495	.000
2	(Constant)	-.586	.170		-3.453	.001
	VAR13	.687	.049	.703	14.013	.000
	VAR17	.271	.036	.380	7.583	.000
3	(Constant)	-1.190	.225		-5.284	.000
	VAR13	.695	.046	.711	14.970	.000
	VAR17	.263	.034	.369	7.759	.000
	VAR1	.181	.047	.180	3.826	.000
4	(Constant)	-1.361	.219		-6.219	.000
	VAR13	.619	.049	.633	12.711	.000
	VAR17	.246	.033	.345	7.557	.000
	VAR1	.205	.045	.203	4.502	.000
	VAR8	.149	.040	.187	3.691	.000
5	(Constant)	-1.379	.214		-6.432	.000
	VAR13	.539	.058	.551	9.333	.000
	VAR17	.218	.034	.305	6.435	.000
	VAR1	.216	.045	.215	4.834	.000
	VAR8	.161	.040	.202	4.040	.000
	VAR15	.116	.047	.140	2.453	.016
6	(Constant)	-2.461	.443		-5.557	.000
	VAR13	.493	.059	.504	8.420	.000
	VAR17	.184	.035	.258	5.259	.000
	VAR1	.269	.047	.267	5.666	.000
	VAR8	.153	.039	.192	3.938	.000
	VAR15	.187	.053	.225	3.549	.001
	VAR18	.336	.121	.146	2.770	.007

7	(Constant)	-2.627	.443		-5.933	.000
	VAR13	.477	.058	.488	8.204	.000
	VAR17	.156	.037	.218	4.197	.000
	VAR1	.275	.047	.273	5.870	.000
	VAR8	.145	.038	.181	3.767	.000
	VAR15	.179	.052	.216	3.449	.001
	VAR18	.357	.120	.155	2.982	.004
	VAR5	.082	.038	.105	2.144	.034
a Dependent Variable: Y						

Excluded Variables(h)							
Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics	
						Tolerance	
1	VAR1	.203(a)	3.518	.001	.309	.999	
	VAR2	.132(a)	2.191	.030	.199	.968	
	VAR3	-.060(a)	-.774	.440	-.071	.603	
	VAR4	.102(a)	1.688	.094	.154	.987	
	VAR5	.256(a)	4.340	.000	.372	.911	
	VAR6	.084(a)	1.402	.164	.129	.998	
	VAR8	.209(a)	3.223	.002	.286	.807	
	VAR9	.131(a)	1.594	.114	.146	.537	
	VAR10	.025(a)	.323	.747	.030	.607	
	VAR11	.232(a)	3.452	.001	.304	.740	
	VAR12	.116(a)	1.950	.054	.177	1.000	
	VAR14	.015(a)	.138	.890	.013	.300	
	VAR15	.229(a)	3.206	.002	.284	.665	
	VAR16	.187(a)	3.023	.003	.269	.895	
	VAR17	.380(a)	7.583	.000	.574	.981	
	VAR18	.065(a)	1.081	.282	.099	.995	
	VAR19	.105(a)	1.679	.096	.153	.912	
	2	VAR1	.180(b)	3.826	.000	.335	.995
		VAR2	.113(b)	2.279	.024	.207	.966
VAR3		.107(b)	1.596	.113	.147	.540	
VAR4		.033(b)	.649	.518	.060	.953	
VAR5		.110(b)	1.945	.054	.178	.751	
VAR6		.112(b)	2.284	.024	.207	.993	
VAR8		.155(b)	2.868	.005	.257	.792	
VAR9		-.023(b)	-.329	.743	-.031	.490	
VAR10		-.042(b)	-.653	.515	-.061	.596	
VAR11		.147(b)	2.542	.012	.230	.708	

	VAR12	.042(b)	.828	.409	.077	.959
	VAR14	-.005(b)	-.060	.952	-.006	.300
	VAR15	.090(b)	1.413	.160	.130	.598
	VAR16	-.008(b)	-.127	.899	-.012	.686
	VAR18	.008(b)	.152	.879	.014	.971
	VAR19	.098(b)	1.899	.060	.174	.912
3	VAR2	-.238(c)	-2.316	.022	-.211	.201
	VAR3	.126(c)	1.992	.049	.183	.537
	VAR4	-.006(c)	-.116	.908	-.011	.912
	VAR5	.121(c)	2.269	.025	.207	.749
	VAR6	.082(c)	1.725	.087	.159	.961
	VAR8	.187(c)	3.691	.000	.325	.777
	VAR9	.024(c)	.353	.725	.033	.474
	VAR10	-.059(c)	-.967	.335	-.090	.592
	VAR11	.060(c)	.944	.347	.088	.553
	VAR12	.026(c)	.530	.597	.049	.951
	VAR14	.043(c)	.497	.620	.046	.293
	VAR15	.112(c)	1.857	.066	.171	.593
	VAR16	-.028(c)	-.490	.625	-.046	.680
	VAR18	.076(c)	1.522	.131	.140	.865
VAR19	.086(c)	1.763	.081	.162	.908	
4	VAR2	-.154(d)	-1.503	.136	-.139	.188
	VAR3	.081(d)	1.296	.198	.121	.511
	VAR4	.028(d)	.591	.556	.055	.879
	VAR5	.107(d)	2.096	.038	.193	.745
	VAR6	.046(d)	.976	.331	.091	.910
	VAR9	-.033(d)	-.500	.618	-.047	.448
	VAR10	-.060(d)	-1.035	.303	-.096	.592
	VAR11	.090(d)	1.499	.137	.139	.543
	VAR12	-.036(d)	-.730	.467	-.068	.842
	VAR14	.109(d)	1.298	.197	.121	.281
	VAR15	.140(d)	2.453	.016	.224	.584
	VAR16	.071(d)	1.188	.237	.111	.554
	VAR18	.055(d)	1.145	.255	.107	.852
	VAR19	.079(d)	1.708	.090	.158	.907
5	VAR2	-.144(e)	-1.433	.155	-.134	.188
	VAR3	.029(e)	.446	.656	.042	.442
	VAR4	.019(e)	.404	.687	.038	.873
	VAR5	.093(e)	1.840	.068	.171	.733
	VAR6	.032(e)	.685	.495	.064	.895

	VAR9	-.094(e)	-1.370	.173		-.128	.402
	VAR10	-.107(e)	-1.830	.070		-.170	.546
	VAR11	.102(e)	1.726	.087		.160	.540
	VAR12	-.031(e)	-.650	.517		-.061	.841
	VAR14	.038(e)	.426	.671		.040	.241
	VAR16	-.180(e)	-1.639	.104		-.152	.157
	VAR18	.146(e)	2.770	.007		.252	.652
	VAR19	.064(e)	1.390	.167		.130	.887
6	VAR2	-.138(f)	-1.418	.159		-.133	.188
	VAR3	-.005(f)	-.073	.942		-.007	.426
	VAR4	.034(f)	.741	.460		.070	.861
	VAR5	.105(f)	2.144	.034		.199	.728
	VAR6	-.001(f)	-.017	.987		-.002	.834
	VAR9	-.071(f)	-1.049	.296		-.099	.395
	VAR10	-.118(f)	-2.079	.040		-.193	.544
	VAR11	.065(f)	1.096	.275		.103	.506
	VAR12	-.080(f)	-1.654	.101		-.154	.755
	VAR14	.010(f)	.110	.912		.010	.238
	VAR16	-.159(f)	-1.490	.139		-.139	.156
	VAR19	.058(f)	1.294	.198		.121	.885
7	VAR2	-.113(g)	-1.163	.247		-.110	.184
	VAR3	-.008(g)	-.132	.896		-.012	.425
	VAR4	.026(g)	.565	.573		.054	.854
	VAR6	-.026(g)	-.550	.583		-.052	.785
	VAR9	-.011(g)	-.154	.878		-.015	.322
	VAR10	-.103(g)	-1.823	.071		-.171	.534
	VAR11	.082(g)	1.385	.169		.130	.498
	VAR12	-.081(g)	-1.701	.092		-.159	.755
	VAR14	.003(g)	.031	.975		.003	.238
	VAR16	-.161(g)	-1.528	.129		-.143	.156
	VAR19	.072(g)	1.624	.107		.152	.869
a Predictors in the Model: (Constant), VAR13							
b Predictors in the Model: (Constant), VAR13, VAR17							
c Predictors in the Model: (Constant), VAR13, VAR17, VAR1							
d Predictors in the Model: (Constant), VAR13, VAR17, VAR1, VAR8							
e Predictors in the Model: (Constant), VAR13, VAR17, VAR1, VAR8, VAR15							
f Predictors in the Model: (Constant), VAR13, VAR17, VAR1, VAR8, VAR15, VAR18							
g Predictors in the Model: (Constant), VAR13, VAR17, VAR1, VAR8, VAR15, VAR18, VAR5							
h Dependent Variable: Y							

Casewise Diagnostics(a)				
Case Number	Std. Residual	Y	Predicted Value	Residual
78	-3.338	2.00	2.7044	-.7044

a Dependent Variable: Y

Residuals Statistics(a)					
	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	1.5822	3.2766	2.2667	.41486	120
Std. Predicted Value	-1.650	2.434	.000	1.000	120
Standard Error of Predicted Value	.03507	.09436	.05257	.01435	120
Adjusted Predicted Value	1.5460	3.3086	2.2773	.42112	115
Residual	-.7044	.5215	.0000	.20468	120
Std. Residual	-3.338	2.472	.000	.970	120
Stud. Residual	-3.424	2.534	.002	1.023	115
Deleted Residual	-.7409	.5479	.0010	.22297	115
Stud. Deleted Residual	-3.602	2.598	.003	1.040	115
Mahal. Distance	2.296	22.808	6.942	4.576	120
Cook's Distance	.000	.090	.009	.016	115
Centered Leverage Value	.019	.192	.058	.038	120

a Dependent Variable: Y

➤ **REGRESSION STEPWISE**

Descriptive Statistics			
	Mean	Std. Deviation	N
Y	2.2667	.46261	120
VAR1	3.3000	.46018	120
VAR2	3.1917	.61214	120
VAR3	3.0750	.52119	120
VAR4	2.5917	.49359	120
VAR5	3.0000	.59409	120
VAR6	3.2000	.40168	120
VAR8	2.5333	.57880	120
VAR9	2.9500	.54772	120
VAR10	2.9750	.43892	120
VAR11	3.2500	.52260	120
VAR12	2.7750	.55704	120
VAR13	3.1667	.47338	120
VAR14	3.0833	.49507	120
VAR15	2.3417	.55754	120
VAR16	2.1917	.61214	120
VAR17	2.5000	.64820	120
VAR18	2.9583	.20066	120
VAR19	2.9750	.32957	120

Variables Entered/Removed(a)			
Model	Variables Entered	Variables Removed	Method
1	VAR13	.	Stepwise (Criteria: Probability-of-F-to-enter <= .050, Probability-of-F-to-remove >= .100).
2	VAR17	.	Stepwise (Criteria: Probability-of-F-to-enter <= .050, Probability-of-F-to-remove >= .100).
3	VAR1	.	Stepwise (Criteria: Probability-of-F-to-enter <= .050, Probability-of-F-to-remove >= .100).
4	VAR8	.	Stepwise (Criteria: Probability-of-F-to-enter <= .050, Probability-of-F-to-remove >= .100).
5	VAR15	.	Stepwise (Criteria: Probability-of-F-to-enter <= .050, Probability-of-F-to-remove >= .100).
6	VAR18	.	Stepwise (Criteria: Probability-of-F-to-enter <= .050, Probability-of-F-to-remove >= .100).
7	VAR5	.	Stepwise (Criteria: Probability-of-F-to-enter <= .050, Probability-of-F-to-remove >= .100).

a Dependent Variable: Y

Model Summary(h)				
Model	R	R Square	Adjusted R Square	Std. Error of the Estimate

1	.755(a)	.570	.566	.30480
2	.843(b)	.711	.706	.25065
3	.862(c)	.744	.737	.23720
4	.878(d)	.771	.763	.22526
5	.885(e)	.782	.773	.22050
6	.892(f)	.796	.785	.21432
7	.897(g)	.804	.792	.21098
a Predictors: (Constant), VAR13				
b Predictors: (Constant), VAR13, VAR17				
c Predictors: (Constant), VAR13, VAR17, VAR1				
d Predictors: (Constant), VAR13, VAR17, VAR1, VAR8				
e Predictors: (Constant), VAR13, VAR17, VAR1, VAR8, VAR15				
f Predictors: (Constant), VAR13, VAR17, VAR1, VAR8, VAR15, VAR18				
g Predictors: (Constant), VAR13, VAR17, VAR1, VAR8, VAR15, VAR18, VAR5				
h Dependent Variable: Y				

ANOVA(h)						
Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	14.504	1	14.504	156.122	.000(a)
	Residual	10.963	118	.093		
	Total	25.467	119			
2	Regression	18.116	2	9.058	144.185	.000(b)
	Residual	7.350	117	.063		
	Total	25.467	119			
3	Regression	18.940	3	6.313	112.211	.000(c)
	Residual	6.527	116	.056		
	Total	25.467	119			
4	Regression	19.631	4	4.908	96.723	.000(d)
	Residual	5.835	115	.051		
	Total	25.467	119			
5	Regression	19.924	5	3.985	81.957	.000(e)
	Residual	5.543	114	.049		
	Total	25.467	119			
6	Regression	20.276	6	3.379	73.574	.000(f)
	Residual	5.190	113	.046		
	Total	25.467	119			
7	Regression	20.481	7	2.926	65.729	.000(g)
	Residual	4.986	112	.045		
	Total	25.467	119			
a Predictors: (Constant), VAR13						

b Predictors: (Constant), VAR13, VAR17
c Predictors: (Constant), VAR13, VAR17, VAR1
d Predictors: (Constant), VAR13, VAR17, VAR1, VAR8
e Predictors: (Constant), VAR13, VAR17, VAR1, VAR8, VAR15
f Predictors: (Constant), VAR13, VAR17, VAR1, VAR8, VAR15, VAR18
g Predictors: (Constant), VAR13, VAR17, VAR1, VAR8, VAR15, VAR18, VAR5
h Dependent Variable: Y

Coefficients(a)						
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.069	.189		-.364	.717
	VAR13	.738	.059	.755	12.495	.000
2	(Constant)	-.586	.170		-3.453	.001
	VAR13	.687	.049	.703	14.013	.000
	VAR17	.271	.036	.380	7.583	.000
3	(Constant)	-1.190	.225		-5.284	.000
	VAR13	.695	.046	.711	14.970	.000
	VAR17	.263	.034	.369	7.759	.000
	VAR1	.181	.047	.180	3.826	.000
4	(Constant)	-1.361	.219		-6.219	.000
	VAR13	.619	.049	.633	12.711	.000
	VAR17	.246	.033	.345	7.557	.000
	VAR1	.205	.045	.203	4.502	.000
	VAR8	.149	.040	.187	3.691	.000
5	(Constant)	-1.379	.214		-6.432	.000
	VAR13	.539	.058	.551	9.333	.000
	VAR17	.218	.034	.305	6.435	.000
	VAR1	.216	.045	.215	4.834	.000
	VAR8	.161	.040	.202	4.040	.000
	VAR15	.116	.047	.140	2.453	.016
6	(Constant)	-2.461	.443		-5.557	.000
	VAR13	.493	.059	.504	8.420	.000
	VAR17	.184	.035	.258	5.259	.000
	VAR1	.269	.047	.267	5.666	.000
	VAR8	.153	.039	.192	3.938	.000
	VAR15	.187	.053	.225	3.549	.001
	VAR18	.336	.121	.146	2.770	.007
7	(Constant)	-2.627	.443		-5.933	.000

	VAR13	.477	.058	.488	8.204	.000
	VAR17	.156	.037	.218	4.197	.000
	VAR1	.275	.047	.273	5.870	.000
	VAR8	.145	.038	.181	3.767	.000
	VAR15	.179	.052	.216	3.449	.001
	VAR18	.357	.120	.155	2.982	.004
	VAR5	.082	.038	.105	2.144	.034

a Dependent Variable: Y

Excluded Variables(h)							
Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics	
						Tolerance	
1	VAR1	.203(a)	3.518	.001	.309	.999	
	VAR2	.132(a)	2.191	.030	.199	.968	
	VAR3	-.060(a)	-.774	.440	-.071	.603	
	VAR4	.102(a)	1.688	.094	.154	.987	
	VAR5	.256(a)	4.340	.000	.372	.911	
	VAR6	.084(a)	1.402	.164	.129	.998	
	VAR8	.209(a)	3.223	.002	.286	.807	
	VAR9	.131(a)	1.594	.114	.146	.537	
	VAR10	.025(a)	.323	.747	.030	.607	
	VAR11	.232(a)	3.452	.001	.304	.740	
	VAR12	.116(a)	1.950	.054	.177	1.000	
	VAR14	.015(a)	.138	.890	.013	.300	
	VAR15	.229(a)	3.206	.002	.284	.665	
	VAR16	.187(a)	3.023	.003	.269	.895	
	VAR17	.380(a)	7.583	.000	.574	.981	
	VAR18	.065(a)	1.081	.282	.099	.995	
	VAR19	.105(a)	1.679	.096	.153	.912	
	2	VAR1	.180(b)	3.826	.000	.335	.995
		VAR2	.113(b)	2.279	.024	.207	.966
VAR3		.107(b)	1.596	.113	.147	.540	
VAR4		.033(b)	.649	.518	.060	.953	
VAR5		.110(b)	1.945	.054	.178	.751	
VAR6		.112(b)	2.284	.024	.207	.993	
VAR8		.155(b)	2.868	.005	.257	.792	
VAR9		-.023(b)	-.329	.743	-.031	.490	
VAR10		-.042(b)	-.653	.515	-.061	.596	
VAR11		.147(b)	2.542	.012	.230	.708	
VAR12		.042(b)	.828	.409	.077	.959	

	VAR14	-0.005(b)	-.060	.952		-.006		.300
	VAR15	.090(b)	1.413	.160		.130		.598
	VAR16	-.008(b)	-.127	.899		-.012		.686
	VAR18	.008(b)	.152	.879		.014		.971
	VAR19	.098(b)	1.899	.060		.174		.912
3	VAR2	-.238(c)	-2.316	.022		-.211		.201
	VAR3	.126(c)	1.992	.049		.183		.537
	VAR4	-.006(c)	-.116	.908		-.011		.912
	VAR5	.121(c)	2.269	.025		.207		.749
	VAR6	.082(c)	1.725	.087		.159		.961
	VAR8	.187(c)	3.691	.000		.325		.777
	VAR9	.024(c)	.353	.725		.033		.474
	VAR10	-.059(c)	-.967	.335		-.090		.592
	VAR11	.060(c)	.944	.347		.088		.553
	VAR12	.026(c)	.530	.597		.049		.951
	VAR14	.043(c)	.497	.620		.046		.293
	VAR15	.112(c)	1.857	.066		.171		.593
	VAR16	-.028(c)	-.490	.625		-.046		.680
	VAR18	.076(c)	1.522	.131		.140		.865
VAR19	.086(c)	1.763	.081		.162		.908	
4	VAR2	-.154(d)	-1.503	.136		-.139		.188
	VAR3	.081(d)	1.296	.198		.121		.511
	VAR4	.028(d)	.591	.556		.055		.879
	VAR5	.107(d)	2.096	.038		.193		.745
	VAR6	.046(d)	.976	.331		.091		.910
	VAR9	-.033(d)	-.500	.618		-.047		.448
	VAR10	-.060(d)	-1.035	.303		-.096		.592
	VAR11	.090(d)	1.499	.137		.139		.543
	VAR12	-.036(d)	-.730	.467		-.068		.842
	VAR14	.109(d)	1.298	.197		.121		.281
	VAR15	.140(d)	2.453	.016		.224		.584
	VAR16	.071(d)	1.188	.237		.111		.554
	VAR18	.055(d)	1.145	.255		.107		.852
VAR19	.079(d)	1.708	.090		.158		.907	
5	VAR2	-.144(e)	-1.433	.155		-.134		.188
	VAR3	.029(e)	.446	.656		.042		.442
	VAR4	.019(e)	.404	.687		.038		.873
	VAR5	.093(e)	1.840	.068		.171		.733
	VAR6	.032(e)	.685	.495		.064		.895
	VAR9	-.094(e)	-1.370	.173		-.128		.402

	VAR10	-.107(e)	-1.830	.070		-.170		.546
	VAR11	.102(e)	1.726	.087		.160		.540
	VAR12	-.031(e)	-.650	.517		-.061		.841
	VAR14	.038(e)	.426	.671		.040		.241
	VAR16	-.180(e)	-1.639	.104		-.152		.157
	VAR18	.146(e)	2.770	.007		.252		.652
	VAR19	.064(e)	1.390	.167		.130		.887
6	VAR2	-.138(f)	-1.418	.159		-.133		.188
	VAR3	-.005(f)	-.073	.942		-.007		.426
	VAR4	.034(f)	.741	.460		.070		.861
	VAR5	.105(f)	2.144	.034		.199		.728
	VAR6	-.001(f)	-.017	.987		-.002		.834
	VAR9	-.071(f)	-1.049	.296		-.099		.395
	VAR10	-.118(f)	-2.079	.040		-.193		.544
	VAR11	.065(f)	1.096	.275		.103		.506
	VAR12	-.080(f)	-1.654	.101		-.154		.755
	VAR14	.010(f)	.110	.912		.010		.238
	VAR16	-.159(f)	-1.490	.139		-.139		.156
	VAR19	.058(f)	1.294	.198		.121		.885
7	VAR2	-.113(g)	-1.163	.247		-.110		.184
	VAR3	-.008(g)	-.132	.896		-.012		.425
	VAR4	.026(g)	.565	.573		.054		.854
	VAR6	-.026(g)	-.550	.583		-.052		.785
	VAR9	-.011(g)	-.154	.878		-.015		.322
	VAR10	-.103(g)	-1.823	.071		-.171		.534
	VAR11	.082(g)	1.385	.169		.130		.498
	VAR12	-.081(g)	-1.701	.092		-.159		.755
	VAR14	.003(g)	.031	.975		.003		.238
	VAR16	-.161(g)	-1.528	.129		-.143		.156
	VAR19	.072(g)	1.624	.107		.152		.869
a Predictors in the Model: (Constant), VAR13								
b Predictors in the Model: (Constant), VAR13, VAR17								
c Predictors in the Model: (Constant), VAR13, VAR17, VAR1								
d Predictors in the Model: (Constant), VAR13, VAR17, VAR1, VAR8								
e Predictors in the Model: (Constant), VAR13, VAR17, VAR1, VAR8, VAR15								
f Predictors in the Model: (Constant), VAR13, VAR17, VAR1, VAR8, VAR15, VAR18								
g Predictors in the Model: (Constant), VAR13, VAR17, VAR1, VAR8, VAR15, VAR18, VAR5								
h Dependent Variable: Y								

Casewise Diagnostics(a)

Case Number	Std. Residual	Y	Predicted Value	Residual
78	-3.338	2.00	2.7044	-.7044

a Dependent Variable: Y

Residuals Statistics(a)					
	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	1.5822	3.2766	2.2667	.41486	120
Std. Predicted Value	-1.650	2.434	.000	1.000	120
Standard Error of Predicted Value	.03507	.09436	.05257	.01435	120
Adjusted Predicted Value	1.5460	3.3086	2.2773	.42112	115
Residual	-.7044	.5215	.0000	.20468	120
Std. Residual	-3.338	2.472	.000	.970	120
Stud. Residual	-3.424	2.534	.002	1.023	115
Deleted Residual	-.7409	.5479	.0010	.22297	115
Stud. Deleted Residual	-3.602	2.598	.003	1.040	115
Mahal. Distance	2.296	22.808	6.942	4.576	120
Cook's Distance	.000	.090	.009	.016	115
Centered Leverage Value	.019	.192	.058	.038	120

a Dependent Variable: Y

➤ REGRESSION REMOVE

Descriptive Statistics			
	Mean	Std. Deviation	N
Y	2.2667	.46261	120
VAR1	3.3000	.46018	120
VAR2	3.1917	.61214	120
VAR3	3.0750	.52119	120
VAR4	2.5917	.49359	120

VAR5	3.0000	.59409	120
VAR6	3.2000	.40168	120
VAR8	2.5333	.57880	120
VAR9	2.9500	.54772	120
VAR10	2.9750	.43892	120
VAR11	3.2500	.52260	120
VAR12	2.7750	.55704	120
VAR13	3.1667	.47338	120
VAR14	3.0833	.49507	120
VAR15	2.3417	.55754	120
VAR16	2.1917	.61214	120
VAR17	2.5000	.64820	120
VAR18	2.9583	.20066	120
VAR19	2.9750	.32957	120

Variables Entered/Removed(d)			
Model	Variables Entered	Variables Removed	Method
1	VAR19, VAR5, VAR18, VAR9, VAR1, VAR4, VAR3, VAR16, VAR6, VAR11, VAR17, VAR12, VAR8, VAR13, VAR10, VAR14, VAR15(a)		Enter
2	.(b)	VAR15, VAR14, VAR10, VAR9, VAR3, VAR11, VAR16, VAR19, VAR12, VAR5, VAR8, VAR1, VAR4, VAR17, VAR18, VAR13, VAR6(c)	Remove
a Tolerance = .000 limits reached.			
b All requested variables entered.			
c All requested variables removed.			
d Dependent Variable: Y			

Model Summary				
Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.934(a)	.872	.851	.17861
2	.000(b)	.000	.000	.46261
a Predictors: (Constant), VAR19, VAR5, VAR18, VAR9, VAR1, VAR4, VAR3, VAR16, VAR6, VAR11, VAR17, VAR12, VAR8, VAR13, VAR10, VAR14, VAR15				
b Predictor: (constant)				

ANOVA(c)						
Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	22.213	17	1.307	40.960	.000(a)
	Residual	3.254	102	.032		

	Total	25.467	119			
2	Regression	.000	0	.000	.	.(b)
	Residual	25.467	119	.214		
	Total	25.467	119			
a Predictors: (Constant), VAR19, VAR5, VAR18, VAR9, VAR1, VAR4, VAR3, VAR16, VAR6, VAR11, VAR17, VAR12, VAR8, VAR13, VAR10, VAR14, VAR15						
b Predictor: (constant)						
c Dependent Variable: Y						

Coefficients(a)						
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-3.503	.470		-7.447	.000
	VAR1	.631	.185	.627	3.416	.001
	VAR3	-.100	.082	-.112	-1.218	.226
	VAR4	.191	.067	.204	2.847	.005
	VAR5	.096	.042	.123	2.305	.023
	VAR6	-.488	.255	-.424	-1.916	.058
	VAR8	.181	.064	.226	2.826	.006
	VAR9	-.023	.086	-.027	-.268	.789
	VAR10	-.587	.143	-.557	-4.111	.000
	VAR11	-.199	.179	-.224	-1.108	.271
	VAR12	-.145	.073	-.175	-2.004	.048
	VAR13	.629	.095	.644	6.612	.000
	VAR14	.026	.193	.028	.137	.891
	VAR15	.851	.221	1.026	3.858	.000
	VAR16	-.410	.178	-.542	-2.306	.023
	VAR17	.156	.054	.218	2.908	.004
	VAR18	1.034	.243	.448	4.246	.000
	VAR19	.190	.113	.135	1.680	.096
	2	(Constant)	2.267	.042		53.674
a Dependent Variable: Y						

Excluded Variables(c)						
Model		Beta In	t	Sig.	Partial Correlation	Collinearity Statistics
						Tolerance
1	VAR2	.(a)000
2	VAR2	.263(b)	2.963	.004	.263	1.000
	VAR1	.174(b)	1.916	.058	.174	1.000
	VAR3	.439(b)	5.310	.000	.439	1.000

VAR4	.186(b)	2.062	.041	.186	1.000
VAR5	.459(b)	5.607	.000	.459	1.000
VAR6	.118(b)	1.286	.201	.118	1.000
VAR8	.500(b)	6.273	.000	.500	1.000
VAR9	.584(b)	7.809	.000	.584	1.000
VAR10	.488(b)	6.079	.000	.488	1.000
VAR11	.556(b)	7.269	.000	.556	1.000
VAR12	.104(b)	1.140	.257	.104	1.000
VAR13	.755(b)	12.495	.000	.755	1.000
VAR14	.636(b)	8.953	.000	.636	1.000
VAR15	.589(b)	7.910	.000	.589	1.000
VAR16	.411(b)	4.904	.000	.411	1.000
VAR17	.476(b)	5.886	.000	.476	1.000
VAR18	.121(b)	1.321	.189	.121	1.000
VAR19	.320(b)	3.665	.000	.320	1.000
a Predictors in the Model: (Constant), VAR19, VAR5, VAR18, VAR9, VAR1, VAR4, VAR3, VAR16, VAR6, VAR11, VAR17, VAR12, VAR8, VAR13, VAR10, VAR14, VAR15					
b Predictor: (constant)					
c Dependent Variable: Y					

DATA PENULIS

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