

Lampiran 1

SURAT PERMOHONAN MENJADI RESPONDEN

Kepada Yth.

Bapak/Ibu/Saudara/i

Di Tempat

Dengan hormat,

Saya mahasiswa Unirvesitas Muhammadiyah Gresik Program Studi Manajemen SDM,

Nama : Nur Muhammad Arif

NIM : 15.312.061

Sedang mengadakan penelitian tentang “ Pengaruh Disiplin Kerja, Lingkungan Kerja dan Kompensasi terhadap Kinerja Karyawan PT. Bank Jatim Cabang Gresik”. Bapak/Ibu/Saudara/i terpilih sebagai responden untuk memberikan pendapat sebagai masukan guna mengetahui Pengaruh Disiplin Kerja, Lingkungan Kerja dan Kompensasi terhadap Kinerja Karyawan PT. Bank Jatim Cabang Gresik.

Dalam menjawab kuesioner yang saya berikan, mohon kepada Bapak/Ibu/Saudara/i untuk memberikan jawaban yang sejujur-jujurnya dan sesuai dengan keadaan yang sebenarnya. Adapun jawaban yang Bapak/Ibu/Saudara/i berikan tidak akan berpengaruh pada diri Bapak/Ibu/Saudara/i karena penelitian ini dilakukan semata-mata untuk pengembangan ilmu pengetahuan.

Besar harapan saya, Bapak/Ibu/Saudara/i bersedia untuk mengisi kuesioner ini. Atas kesediaannya saya ucapkan terima kasih.

Hormat saya,

Nur Muhammad Arif

NIM. 15.312.061

A. DATA RESPONDEN :

Sebelum menjawab pertanyaan dalam kuesioner ini, mohon Saudara mengisi data berikut terakhir terlebih dahulu. (Jawaban yang saudara berikan akan diperlakukan secara rahasia).

Lingkari untuk jawaban pilihan saudara.

1. Nama Responden :
2. Jabatan (ditulis) :

B. PETUNJUK PENGISIAN KUESIONER

1. Responden diharapkan membaca terlebih dahulu diskripsi masing-masing pertanyaan sebelum memberikan jawaban.
2. Responden dapat memberikan jawaban dengan memberikan tanda check (√) pada salah satu pilihan jawaban yang tersedia. **Hanya satu jawaban saja yang dimungkinkan untuk setiap pertanyaan.**
3. Pada masing-masing pertanyaan terdapat lima alternative jawaban yang mengacu pada teknik skala Likert, yaitu:
 - a. Sangat Setuju (SS) = 5
 - b. Setuju (S) = 4
 - c. Ragu-Ragu (RG) = 3
 - d. Tidak Setuju (TS) = 2
 - e. Sangat Tidak Setuju (STS) = 1

Data responden dan semua informasi yang diberikan akan dijamin kerahasiaannya, oleh sebab itu dimohon untuk mengisi kuesioner dengan sebenarnya dan seobjektif mungkin.

1. Disiplin

No	Pernyataan	Alternatif Jawaban				
		SS	S	RG	TS	STS
1	Saya tepat waktu baik datang dan pulang kerja					
2	Saya patuhi peraturan dan tata tertib yang ada pada perusahaan					
3	Saya akan bertanggung jawab terhadap penggunaan dan pemeliharaan peralatan kantor telah sesuai dengan SOP.					

2. Lingkungan Kerja

No	Pernyataan	Alternatif Jawaban				
		SS	S	RG	TS	STS
1	Penerangan yang ada di ruang kerja saya sesuai dengan kebutuhan					
2	Suasana kerja saya di dalam lingkungan kerja telah menyenangkan					
3	Ruang gerak yang saya perlukan sesuai dengan saya butuhkan					
4	Hubungan saya dan teman kerja yang lain sudah harmonis					

3. Kompensasi

No	Pernyataan	Alternatif Jawaban				
		SS	S	RG	TS	STS
1	Gaji yang saya terima dari perusahaan sesuai dengan yang diharapkan					
2	Insentif bonus yang diberikan ke saya sudah sesuai dengan kinerja					
3	Tunjangan yang saya diterima sudah memenuhi kebutuhan					

4. Kinerja

No	Pernyataan Responden Terhadap Kinerja Karyawan	Alternatif Jawaban				
		SS	S	RG	TS	STS
1.	Kemampuan saya dalam menyelesaikan tugas telah sesuai dengan intruksi.					
2.	Saya dapat termotivasi untuk menyelesaikan tugas yang telah diberikan.					
3.	Saya memiliki sikap disiplin dalam menyelesaikan tugas.					
4.	Saya memiliki kepribadian yang baik dalam bekerja.					

“TERIMA KASIH ATAS PARTISIPASI ANDA”

Lampiran 2
Hasil Responden

Variabel Disiplin			
X1.1	X1.2	X1.3	Total
4	4	4	12
4	4	4	12
5	4	4	13
4	4	5	13
4	4	3	11
4	4	4	12
4	5	5	14
4	4	4	12
5	4	4	13
4	4	4	12
4	4	4	12
4	3	4	11
4	4	4	12
2	4	5	11
5	4	5	14
5	5	5	15
5	4	3	12
5	4	4	13
4	5	5	14
5	5	5	15
4	4	5	13
5	4	4	13
5	5	5	15
4	5	4	13
5	4	4	13
3	4	4	11
4	3	4	11
5	4	5	14
4	5	4	13
5	4	5	14
4	3	4	11
5	4	4	13
4	5	4	13
4	4	4	12
4	5	5	14
3	4	5	12
5	5	5	15
3	4	5	12
3	4	3	10

Variabel Lingkungan				
X2.1	X2.2	X2.3	X2.4	Total
4	4	4	4	16
4	4	4	5	17
4	4	4	4	16
4	4	4	4	16
4	4	4	4	16
4	4	4	4	16
5	5	5	4	19
4	4	4	5	17
4	4	4	5	17
4	4	4	5	17
4	4	4	3	15
3	3	3	4	13
4	4	4	5	17
4	4	4	2	14
4	4	4	4	16
5	5	5	5	20
4	4	4	4	16
4	4	4	5	17
5	5	5	5	20
4	4	4	4	16
4	4	4	4	16
5	5	5	5	20
5	5	5	4	19
4	4	4	5	17
4	4	4	4	16
3	3	3	3	12
4	4	4	5	17
5	5	5	4	19
4	4	4	3	15
3	3	3	5	14
4	4	4	5	17
5	5	5	5	20
4	4	4	5	17
5	5	5	5	20
4	4	4	4	16
5	5	5	5	20
4	4	4	4	16
5	5	5	5	20
4	4	4	4	16
5	5	5	5	20
4	4	4	5	17
4	4	4	5	17
4	4	4	4	16
4	4	4	5	17

Variabel Kompetensi			
X3.2	X3.2	X3.3	Total
5	4	4	13
5	4	5	14
5	4	4	13
5	4	4	13
5	4	4	13
4	4	4	12
5	5	4	14
5	4	5	14
5	4	5	14
5	4	5	14
4	4	3	11
5	3	4	12
5	4	5	14
4	4	2	10
5	4	4	13
4	5	5	14
4	4	4	12
5	4	5	14
4	4	5	13
4	5	5	14
4	4	4	12
4	4	4	12
4	4	5	13
4	5	4	13
4	4	5	13
5	4	4	13
4	3	3	10
4	4	5	13
5	5	4	14
4	4	3	11
5	3	5	13
4	4	5	13
5	5	5	15
4	4	5	13
5	5	5	15
4	4	4	12
4	5	5	14
5	4	5	14
5	4	5	14

Variabel Kinerja				
Y1.1	Y1.2	Y1.3	Y1.4	Total
4	4	4	4	16
4	4	4	4	16
4	4	4	4	16
4	3	4	4	15
4	3	4	4	15
4	5	4	4	17
5	5	5	5	20
4	3	4	4	15
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4	4	4	4	16
4	3	4	4	15
3	3	3	3	12
4	4	4	4	16
4	3	4	4	15
4	5	4	4	17
5	4	5	5	19
4	3	4	4	15
4	3	4	4	15
5	3	4	4	16
5	4	5	5	19
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4	4	4	4	16
5	3	5	5	18
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5	4	5	5	19
4	3	4	4	15
5	4	5	5	19
4	4	4	4	16
4	4	4	4	16

5	4	5	14
4	4	4	12
4	4	4	12
5	4	4	13
4	4	5	13
4	4	3	11
4	4	4	12
4	5	5	14
4	4	4	12
5	4	4	13
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4	5	5	14
3	4	5	12
5	5	5	15
3	4	5	12
5	4	5	14
3	4	3	10
5	4	5	14
1018			

4	4	4	5	17
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4	4	4	5	17
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4	4	4	4	16
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4	4	4	4	16
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5	5	5	5	20
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4	4	4	4	16
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5	5	5	4	19
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1354				

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4	5	4	13
4	4	5	13
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1035			

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5	2	5	5	17
4	4	4	5	17
5	2	5	5	17
4	2	4	5	15
4	3	4	3	14
4	4	4	5	17
1267				

Deskripsi Jawaban Responde Variabel Dsiplin (X1)

Item	Tanggapan Responden					Total	Skor Nilai					Total
	SS	S	N	TS	STS		5	4	3	2	1	
1.	30	40	8	2	0	80	150	160	24	4	0	338
2.	20	54	6	0	0	80	100	216	18	0	0	334
3.	32	42	6	0	0	80	160	168	18	0	0	346
Jumlah	82	136	20	2	0	240	410	544	60	4	0	1018
											Rata-Rata	339.3

Deskripsi Jawaban Responde Variabel Lingkungan (X2)

Item	Tanggapan Responden					Total	Skor Nilai					Total
	SS	S	N	TS	STS		5	4	3	2	1	
1.	20	54	6	0	0	80	100	216	18	0	0	334
2.	20	54	6	0	0	80	100	216	18	0	0	334
3.	20	54	6	0	0	80	100	216	18	0	0	334
4.	42	30	6	2	0	80	210	120	18	4	0	352
Jumlah	102	192	24	2	0	320	510	768	72	4	0	1354
											Rata-Rata	338.5

Deskripsi Jawaban Responde Variabel Kompensasi (X3)

Item	Tanggapan Responden					Total	Skor Nilai					Total
	SS	S	N	TS	STS		5	4	3	2	1	
1.	37	39	4	0	0	80	185	156	12	0	0	353
2.	16	58	6	0	0	80	80	232	18	0	0	330
3.	42	30	6	2	0	80	210	120	18	4	0	352
Jumlah	95	127	16	2	0	240	475	508	48	4	0	1035
											Rata-Rata	345

Deskripsi Jawaban Responde Variabel Kinerja (Y)

Item	Tanggapan Responden					Total	Skor Nilai					Total
	SS	S	N	TS	STS		5	4	3	2	1	
1.	20	54	6	0	0	80	100	216	18	0	0	334
2.	4	31	35	10	0	80	20	124	105	20	0	269
3.	16	58	6	0	0	80	80	232	18	0	0	330
4.	19	56	5	0	0	80	95	224	15	0	0	334
Jumlah	59	199	52	10	0	320	295	796	156	20	0	1267
											Rata-Rata	316.8

UJI VALIDITAS

Disiplin (X1)

Correlations

		x1.1	x1.2	x1.3	disiplin
x1.1	Pearson Correlation	1	,154	,061	,668**
	Sig. (2-tailed)		,172	,591	,000
	N	80	80	80	80
x1.2	Pearson Correlation	,154	1	,358**	,690**
	Sig. (2-tailed)	,172		,001	,000
	N	80	80	80	80
x1.3	Pearson Correlation	,061	,358**	1	,669**
	Sig. (2-tailed)	,591	,001		,000
	N	80	80	80	80
disiplin	Pearson Correlation	,668**	,690**	,669**	1
	Sig. (2-tailed)	,000	,000	,000	
	N	80	80	80	80

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

Lingkungan(X2)

Correlations

		x2.1	x2.2	x2.3	x2.4	lingkungan
x2.1	Pearson Correlation	1	1,000**	1,000**	,263*	,932**
	Sig. (2-tailed)		,000	,000	,018	,000
	N	80	80	80	80	80
x2.2	Pearson Correlation	1,000**	1	1,000**	,263*	,932**
	Sig. (2-tailed)	,000		,000	,018	,000
	N	80	80	80	80	80
x2.3	Pearson Correlation	1,000**	1,000**	1	,263*	,932**
	Sig. (2-tailed)	,000	,000		,018	,000
	N	80	80	80	80	80
x2.4	Pearson Correlation	,263*	,263*	,263*	1	,595**
	Sig. (2-tailed)	,018	,018	,018		,000
	N	80	80	80	80	80
lingkungan	Pearson Correlation	,932**	,932**	,932**	,595**	1
	Sig. (2-tailed)	,000	,000	,000	,000	
	N	80	80	80	80	80

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

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

Kompensasi (X3)

Correlations

		x3.1	x3.2	x3.3	kompensasi
x3.1	Pearson Correlation	1	-,047	,169	,577**
	Sig. (2-tailed)		,678	,135	,000
	N	80	80	80	80
x3.2	Pearson Correlation	-,047	1	,200	,530**
	Sig. (2-tailed)	,678		,075	,000
	N	80	80	80	80
x3.3	Pearson Correlation	,169	,200	1	,788**
	Sig. (2-tailed)	,135	,075		,000
	N	80	80	80	80
kompensasi	Pearson Correlation	,577**	,530**	,788**	1
	Sig. (2-tailed)	,000	,000	,000	
	N	80	80	80	80

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

Kinerja (Y)

Correlations

		y1	y2	y3	y4	kinerja
y1	Pearson Correlation	1	-,063	,916**	,690**	,821**
	Sig. (2-tailed)		,581	,000	,000	,000
	N	80	80	80	80	80
y2	Pearson Correlation	-,063	1	,012	-,066	,436**
	Sig. (2-tailed)	,581		,915	,563	,000
	N	80	80	80	80	80
y3	Pearson Correlation	,916**	,012	1	,721**	,864**
	Sig. (2-tailed)	,000	,915		,000	,000
	N	80	80	80	80	80
y4	Pearson Correlation	,690**	-,066	,721**	1	,753**
	Sig. (2-tailed)	,000	,563	,000		,000
	N	80	80	80	80	80
kinerja	Pearson Correlation	,821**	,436**	,864**	,753**	1
	Sig. (2-tailed)	,000	,000	,000	,000	
	N	80	80	80	80	80

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

RELIABILITAS

Disiplin

Reliability Statistics

Cronbach's Alpha	N of Items
,752	4

Lingkungan

Reliability Statistics

Cronbach's Alpha	N of Items
,821	5

Kompensasi

Reliability Statistics

Cronbach's Alpha	N of Items
,730	4

Kinerja

Reliability Statistics

Cronbach's Alpha	N of Items
,768	5

UJI ASUMSI KLASIK

Hasil Uji Autokorelasi

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	,788 ^a	,621	,606	1,01596	1,990

a. Predictors: (Constant), kompensasi, disiplin, lingkungan

b. Dependent Variable: kinerja

Hasil Uji Multikolinearitas

Coefficients^a

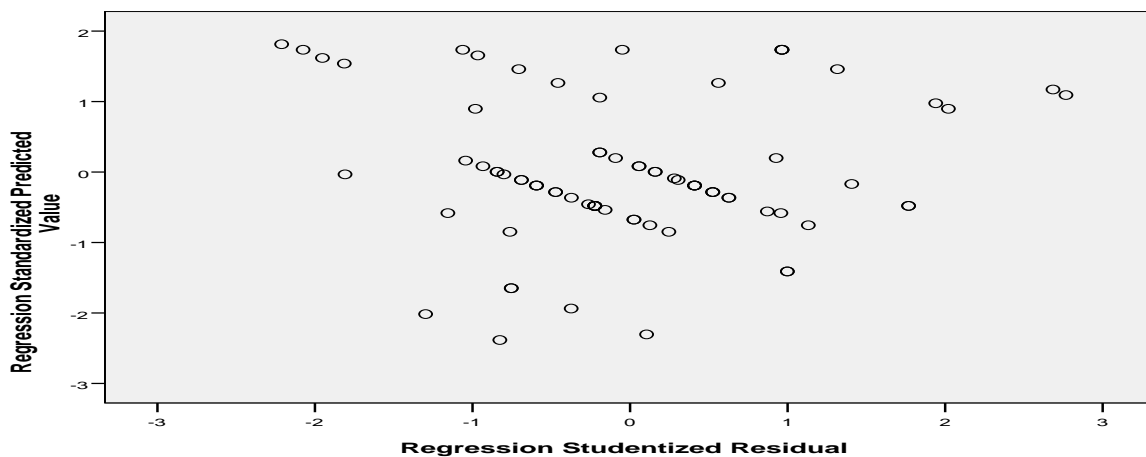
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VF
1	(Constant)	4,335	1,483		2,923	,005		
	disiplin	,249	,126	,196	1,969	,053	,505	1,982
	lingkungan	,570	,112	,693	5,106	,000	,271	3,687
	kompensasi	-,101	,147	-,075	-,690	,492	,425	2,352

a. Dependent Variable: kinerja

Hasil Uji Heteroskedastisitas

Scatterplot

Dependent Variable: kinerja



Lampiran 7

UJI t

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	4,335	1,483		2,923	,005
	disiplin	,249	,126	,196	1,969	,053
	lingkungan	,570	,112	,693	5,106	,000
	kompensasi	-,101	,147	-,075	-,690	,492

a. Dependent Variable: kinerja

Koefisien Determinasi

Model Summary^a

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,788 ^a	,621	,606	1,01596

a. Predictors: (Constant), kompensasi, disiplin, lingkungan

b. Dependent Variable: kinerja

Uji f

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	128,442	3	42,814	41,479	,000 ^a
	Residual	78,446	76	1,032		
	Total	206,888	79			

a. Predictors: (Constant), kompensasi, disiplin, lingkungan

b. Dependent Variable: kinerja

Tabel r

DF = n-2	0,1	0,05	0,02	0,01	0,001
	r 0,005	r 0,05	r 0,025	r 0,01	r 0,001
1	0,9877	0,9969	0,9995	0,9999	1,0000
2	0,9000	0,9500	0,9800	0,9900	0,9990
3	0,8054	0,8783	0,9343	0,9587	0,9911
4	0,7293	0,8114	0,8822	0,9172	0,9741
5	0,6694	0,7545	0,8329	0,8745	0,9509
6	0,6215	0,7067	0,7887	0,8343	0,9249
7	0,5822	0,6664	0,7498	0,7977	0,8983
8	0,5494	0,6319	0,7155	0,7646	0,8721
9	0,5214	0,6021	0,6851	0,7348	0,8470
10	0,4973	0,5760	0,6581	0,7079	0,8233
11	0,4762	0,5529	0,6339	0,6835	0,8010
12	0,4575	0,5324	0,6120	0,6614	0,7800
13	0,4409	0,5140	0,5923	0,6411	0,7604
14	0,4259	0,4973	0,5742	0,6226	0,7419
15	0,4124	0,4821	0,5577	0,6055	0,7247
16	0,4000	0,4683	0,5425	0,5897	0,7084
17	0,3887	0,4555	0,5285	0,5751	0,6932
18	0,3783	0,4438	0,5155	0,5614	0,6788
19	0,3687	0,4329	0,5034	0,5487	0,6652
20	0,3598	0,4227	0,4921	0,5368	0,6524
21	0,3515	0,4132	0,4815	0,5256	0,6402
22	0,3438	0,4044	0,4716	0,5151	0,6287
23	0,3365	0,3961	0,4622	0,5052	0,6178
24	0,3297	0,3882	0,4534	0,4958	0,6074
25	0,3233	0,3809	0,4451	0,4869	0,5974
26	0,3172	0,3739	0,4372	0,4785	0,5880
27	0,3115	0,3673	0,4297	0,4705	0,5790
28	0,3061	0,3610	0,4226	0,4629	0,5703
29	0,3009	0,3550	0,4158	0,4556	0,5620
30	0,2960	0,3494	0,4093	0,4487	0,5541
31	0,2913	0,3440	0,4032	0,4421	0,5465
32	0,2869	0,3388	0,3972	0,4357	0,5392
33	0,2826	0,3338	0,3916	0,4296	0,5322
34	0,2785	0,3291	0,3862	0,4238	0,5254
35	0,2746	0,3246	0,3810	0,4182	0,5189
36	0,2709	0,3202	0,3760	0,4128	0,5126
37	0,2673	0,3160	0,3712	0,4076	0,5066
38	0,2638	0,3120	0,3665	0,4026	0,5007
39	0,2605	0,3081	0,3621	0,3978	0,4950
40	0,2573	0,3044	0,3578	0,3932	0,4896
41	0,2542	0,3008	0,3536	0,3887	0,4843

DF = n-2	0,1	0,05	0,02	0,01	0,001
	r 0,005	r 0,05	r 0,025	r 0,01	r 0,001
42	0,2512	0,2973	0,3496	0,3843	0,4791
43	0,2483	0,2940	0,3457	0,3801	0,4742
44	0,2455	0,2907	0,3420	0,3761	0,4694
45	0,2429	0,2876	0,3384	0,3721	0,4647
46	0,2403	0,2845	0,3348	0,3683	0,4601
47	0,2377	0,2816	0,3314	0,3646	0,4557
48	0,2353	0,2787	0,3281	0,3610	0,4514
49	0,2329	0,2759	0,3249	0,3575	0,4473
50	0,2306	0,2732	0,3218	0,3542	0,4432
51	0,2284	0,2706	0,3188	0,3509	0,4393
52	0,2262	0,2681	0,3158	0,3477	0,4354
53	0,2241	0,2656	0,3129	0,3445	0,4317
54	0,2221	0,2632	0,3102	0,3415	0,4280
55	0,2201	0,2609	0,3074	0,3385	0,4244
56	0,2181	0,2586	0,3048	0,3357	0,4210
57	0,2162	0,2564	0,3022	0,3328	0,4176
58	0,2144	0,2542	0,2997	0,3301	0,4143
59	0,2126	0,2521	0,2972	0,3274	0,4110
60	0,2108	0,2500	0,2948	0,3248	0,4079
61	0,2091	0,2480	0,2925	0,3223	0,4048
62	0,2075	0,2461	0,2902	0,3198	0,4018
63	0,2058	0,2441	0,2880	0,3173	0,3988
64	0,2042	0,2423	0,2858	0,3150	0,3959
65	0,2027	0,2404	0,2837	0,3126	0,3931
66	0,2012	0,2387	0,2816	0,3104	0,3903
67	0,1997	0,2369	0,2796	0,3081	0,3876
68	0,1982	0,2352	0,2776	0,3060	0,3850
69	0,1968	0,2335	0,2756	0,3038	0,3823
70	0,1954	0,2319	0,2737	0,3017	0,3798
71	0,1940	0,2303	0,2718	0,2997	0,3773
72	0,1927	0,2287	0,2700	0,2977	0,3748
73	0,1914	0,2272	0,2682	0,2957	0,3724
74	0,1901	0,2257	0,2664	0,2938	0,3701
75	0,1888	0,2242	0,2647	0,2919	0,3678
76	0,1876	0,2227	0,2630	0,2900	0,3655
77	0,1864	0,2213	0,2613	0,2882	0,3633
78	0,1852	0,2199	0,2597	0,2864	0,3611
79	0,1841	0,2185	0,2581	0,2847	0,3589
80	0,1829	0,2172	0,2565	0,2830	0,3568
81	0,1818	0,2159	0,2550	0,2813	0,3547
82	0,1807	0,2146	0,2535	0,2796	0,3527
83	0,1796	0,2133	0,2520	0,2780	0,3507

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



Tabel Durbin-Watson (DW), $\alpha = 5\%$

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

n	k=1		k=2		k=3		k=4		k=5	
	dL	dU	dL	dU	dL	dU	dL	dU	dL	dU
70	1.5834	1.6413	1.5542	1.6715	1.5245	1.7028	1.4943	1.7351	1.4637	1.7683
71	1.5865	1.6435	1.5577	1.6733	1.5284	1.7041	1.4987	1.7358	1.4685	1.7685
72	1.5895	1.6457	1.5611	1.6751	1.5323	1.7054	1.5029	1.7366	1.4732	1.7688
73	1.5924	1.6479	1.5645	1.6768	1.5360	1.7067	1.5071	1.7375	1.4778	1.7691
74	1.5953	1.6500	1.5677	1.6785	1.5397	1.7079	1.5112	1.7383	1.4822	1.7694
75	1.5981	1.6521	1.5709	1.6802	1.5432	1.7092	1.5151	1.7390	1.4866	1.7698
76	1.6009	1.6541	1.5740	1.6819	1.5467	1.7104	1.5190	1.7399	1.4909	1.7701
77	1.6036	1.6561	1.5771	1.6835	1.5502	1.7117	1.5228	1.7407	1.4950	1.7704
78	1.6063	1.6581	1.5801	1.6851	1.5535	1.7129	1.5265	1.7415	1.4991	1.7708
79	1.6089	1.6601	1.5830	1.6867	1.5568	1.7141	1.5302	1.7423	1.5031	1.7712
80	1.6114	1.6620	1.5859	1.6882	1.5600	1.7153	1.5337	1.7430	1.5070	1.7716
81	1.6139	1.6639	1.5888	1.6898	1.5632	1.7164	1.5372	1.7438	1.5109	1.7720
82	1.6164	1.6657	1.5915	1.6913	1.5663	1.7176	1.5406	1.7446	1.5146	1.7724
83	1.6188	1.6675	1.5942	1.6928	1.5693	1.7187	1.5440	1.7454	1.5183	1.7728
84	1.6212	1.6693	1.5969	1.6942	1.5723	1.7199	1.5472	1.7462	1.5219	1.7732
85	1.6235	1.6711	1.5995	1.6957	1.5752	1.7210	1.5505	1.7470	1.5254	1.7736
86	1.6258	1.6728	1.6021	1.6971	1.5780	1.7221	1.5536	1.7478	1.5289	1.7740
87	1.6280	1.6745	1.6046	1.6985	1.5808	1.7232	1.5567	1.7485	1.5322	1.7745
88	1.6302	1.6762	1.6071	1.6999	1.5836	1.7243	1.5597	1.7493	1.5356	1.7749
89	1.6324	1.6778	1.6095	1.7013	1.5863	1.7254	1.5627	1.7501	1.5388	1.7754
90	1.6345	1.6794	1.6119	1.7026	1.5889	1.7264	1.5656	1.7508	1.5420	1.7758
91	1.6366	1.6810	1.6143	1.7040	1.5915	1.7275	1.5685	1.7516	1.5452	1.7763
92	1.6387	1.6826	1.6166	1.7053	1.5941	1.7285	1.5713	1.7523	1.5482	1.7767
93	1.6407	1.6841	1.6188	1.7066	1.5966	1.7295	1.5741	1.7531	1.5513	1.7772
94	1.6427	1.6857	1.6211	1.7078	1.5991	1.7306	1.5768	1.7538	1.5542	1.7776
95	1.6447	1.6872	1.6233	1.7091	1.6015	1.7316	1.5795	1.7546	1.5572	1.7781
96	1.6466	1.6887	1.6254	1.7103	1.6039	1.7326	1.5821	1.7553	1.5600	1.7785
97	1.6485	1.6901	1.6275	1.7116	1.6063	1.7335	1.5847	1.7560	1.5628	1.7790
98	1.6504	1.6916	1.6296	1.7128	1.6086	1.7345	1.5872	1.7567	1.5656	1.7795
99	1.6522	1.6930	1.6317	1.7140	1.6108	1.7355	1.5897	1.7575	1.5683	1.7799
100	1.6540	1.6944	1.6337	1.7152	1.6131	1.7364	1.5922	1.7582	1.5710	1.7804
101	1.6558	1.6958	1.6357	1.7163	1.6153	1.7374	1.5946	1.7589	1.5736	1.7809
102	1.6576	1.6971	1.6376	1.7175	1.6174	1.7383	1.5969	1.7596	1.5762	1.7813
103	1.6593	1.6985	1.6396	1.7186	1.6196	1.7392	1.5993	1.7603	1.5788	1.7818
104	1.6610	1.6998	1.6415	1.7198	1.6217	1.7402	1.6016	1.7610	1.5813	1.7823
105	1.6627	1.7011	1.6433	1.7209	1.6237	1.7411	1.6038	1.7617	1.5837	1.7827
106	1.6644	1.7024	1.6452	1.7220	1.6258	1.7420	1.6061	1.7624	1.5861	1.7832
107	1.6660	1.7037	1.6470	1.7231	1.6277	1.7428	1.6083	1.7631	1.5885	1.7837
108	1.6676	1.7050	1.6488	1.7241	1.6297	1.7437	1.6104	1.7637	1.5909	1.7841
109	1.6692	1.7062	1.6505	1.7252	1.6317	1.7446	1.6125	1.7644	1.5932	1.7846
110	1.6708	1.7074	1.6523	1.7262	1.6336	1.7455	1.6146	1.7651	1.5955	1.7851
111	1.6723	1.7086	1.6540	1.7273	1.6355	1.7463	1.6167	1.7657	1.5977	1.7855
112	1.6738	1.7098	1.6557	1.7283	1.6373	1.7472	1.6187	1.7664	1.5999	1.7860
113	1.6753	1.7110	1.6574	1.7293	1.6391	1.7480	1.6207	1.7670	1.6021	1.7864
114	1.6768	1.7122	1.6590	1.7303	1.6410	1.7488	1.6227	1.7677	1.6042	1.7869
115	1.6783	1.7133	1.6606	1.7313	1.6427	1.7496	1.6246	1.7683	1.6063	1.7874
116	1.6797	1.7145	1.6622	1.7323	1.6445	1.7504	1.6265	1.7690	1.6084	1.7878
117	1.6812	1.7156	1.6638	1.7332	1.6462	1.7512	1.6284	1.7696	1.6105	1.7883
118	1.6826	1.7167	1.6653	1.7342	1.6479	1.7520	1.6303	1.7702	1.6125	1.7887
119	1.6839	1.7178	1.6669	1.7352	1.6496	1.7528	1.6321	1.7709	1.6145	1.7892
120	1.6853	1.7189	1.6684	1.7361	1.6513	1.7536	1.6339	1.7715	1.6164	1.7896
121	1.6867	1.7200	1.6699	1.7370	1.6529	1.7544	1.6357	1.7721	1.6184	1.7901
122	1.6880	1.7210	1.6714	1.7379	1.6545	1.7552	1.6375	1.7727	1.6203	1.7905
123	1.6893	1.7221	1.6728	1.7388	1.6561	1.7559	1.6392	1.7733	1.6222	1.7910
124	1.6906	1.7231	1.6743	1.7397	1.6577	1.7567	1.6409	1.7739	1.6240	1.7914
125	1.6919	1.7241	1.6757	1.7406	1.6592	1.7574	1.6426	1.7745	1.6258	1.7919
126	1.6932	1.7252	1.6771	1.7415	1.6608	1.7582	1.6443	1.7751	1.6276	1.7923
127	1.6944	1.7261	1.6785	1.7424	1.6623	1.7589	1.6460	1.7757	1.6294	1.7928
128	1.6957	1.7271	1.6798	1.7432	1.6638	1.7596	1.6476	1.7763	1.6312	1.7932
129	1.6969	1.7281	1.6812	1.7441	1.6653	1.7603	1.6492	1.7769	1.6329	1.7937
130	1.6981	1.7291	1.6825	1.7449	1.6667	1.7610	1.6508	1.7774	1.6346	1.7941
131	1.6993	1.7301	1.6838	1.7458	1.6682	1.7617	1.6523	1.7780	1.6363	1.7945
132	1.7005	1.7310	1.6851	1.7466	1.6696	1.7624	1.6539	1.7786	1.6380	1.7950
133	1.7017	1.7319	1.6864	1.7474	1.6710	1.7631	1.6554	1.7791	1.6397	1.7954
134	1.7028	1.7329	1.6877	1.7482	1.6724	1.7638	1.6569	1.7797	1.6413	1.7958
135	1.7040	1.7338	1.6889	1.7490	1.6738	1.7645	1.6584	1.7802	1.6429	1.7962
136	1.7051	1.7347	1.6902	1.7498	1.6751	1.7652	1.6599	1.7808	1.6445	1.7967

Tabel t

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

d.f.	TINGKAT SIGNIFIKANSI							
	dua sisi	20%	10%	5%	2%	1%	0,2%	0,1%
satu sisi	10%	5%	2,5%	1%	0,5%	0,1%	0,05%	
39	1,304	1,685	2,023	2,426	2,708	3,313	3,558	
40	1,303	1,684	2,021	2,423	2,704	3,307	3,551	
41	1,303	1,683	2,020	2,421	2,701	3,301	3,544	
42	1,302	1,682	2,018	2,418	2,698	3,296	3,538	
43	1,302	1,681	2,017	2,416	2,695	3,291	3,532	
44	1,301	1,680	2,015	2,414	2,692	3,286	3,526	
45	1,301	1,679	2,014	2,412	2,690	3,281	3,520	
46	1,300	1,679	2,013	2,410	2,687	3,277	3,515	
47	1,300	1,678	2,012	2,408	2,685	3,273	3,510	
48	1,299	1,677	2,011	2,407	2,682	3,269	3,505	
49	1,299	1,677	2,010	2,405	2,680	3,265	3,500	
50	1,299	1,676	2,009	2,403	2,678	3,261	3,496	
51	1,298	1,675	2,008	2,402	2,676	3,258	3,492	
52	1,298	1,675	2,007	2,400	2,674	3,255	3,488	
53	1,298	1,674	2,006	2,399	2,672	3,251	3,484	
54	1,297	1,674	2,005	2,397	2,670	3,248	3,480	
55	1,297	1,673	2,004	2,396	2,668	3,245	3,476	
56	1,297	1,673	2,003	2,395	2,667	3,242	3,473	
57	1,297	1,672	2,002	2,394	2,665	3,239	3,470	
58	1,296	1,672	2,002	2,392	2,663	3,237	3,466	
59	1,296	1,671	2,001	2,391	2,662	3,234	3,463	
60	1,296	1,671	2,000	2,390	2,660	3,232	3,460	
61	1,296	1,670	2,000	2,389	2,659	3,229	3,457	
62	1,295	1,670	1,999	2,388	2,657	3,227	3,454	
63	1,295	1,669	1,998	2,387	2,656	3,225	3,452	
64	1,295	1,669	1,998	2,386	2,655	3,223	3,449	
65	1,295	1,669	1,997	2,385	2,654	3,220	3,447	
66	1,295	1,668	1,997	2,384	2,652	3,218	3,444	
67	1,294	1,668	1,996	2,383	2,651	3,216	3,442	
68	1,294	1,668	1,995	2,382	2,650	3,214	3,439	
69	1,294	1,667	1,995	2,382	2,649	3,213	3,437	
70	1,294	1,667	1,994	2,381	2,648	3,211	3,435	
71	1,294	1,667	1,994	2,380	2,647	3,209	3,433	
72	1,293	1,666	1,993	2,379	2,646	3,207	3,431	
73	1,293	1,666	1,993	2,379	2,645	3,206	3,429	
74	1,293	1,666	1,993	2,378	2,644	3,204	3,427	
75	1,293	1,665	1,992	2,377	2,643	3,202	3,425	
76	1,293	1,665	1,992	2,376	2,642	3,201	3,423	
77	1,293	1,665	1,991	2,376	2,641	3,199	3,421	
78	1,292	1,665	1,991	2,375	2,640	3,198	3,420	
79	1,292	1,664	1,990	2,374	2,640	3,197	3,418	
80	1,292	1,664	1,990	2,374	2,639	3,195	3,416	

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



Lampiran 11

Tabel Pengujian Nilai F

df	df 2				
	1	2	3	4	5
1	161.448	199.5	215.707	224.583	230.162
2	18.513	19	19.164	19.247	19.296
3	10.128	9.552	9.277	9.117	9.013
4	7.709	6.944	6.591	6.388	6.256
5	6.608	5.786	5.409	5.192	5.05
6	5.987	5.143	4.757	4.534	4.387
7	5.591	4.737	4.347	4.12	3.972
8	5.318	4.459	4.066	3.838	3.687
9	5.117	4.256	3.863	3.633	3.482
10	4.965	4.103	3.708	3.478	3.326
11	4.844	3.982	3.587	3.357	3.204
12	4.747	3.885	3.49	3.259	3.106
13	4.667	3.806	3.411	3.179	3.025
14	4.6	3.739	3.344	3.112	2.958
15	4.543	3.682	3.287	3.056	2.901
16	4.494	3.634	3.239	3.007	2.852
17	4.451	3.592	3.197	2.965	2.81
18	4.414	3.555	3.16	2.928	2.773
19	4.381	3.522	3.127	2.895	2.74
20	4.351	3.493	3.098	2.866	2.711
21	4.325	3.467	3.072	2.84	2.685
22	4.301	3.443	3.049	2.817	2.661
23	4.279	3.422	3.028	2.796	2.64
24	4.26	3.403	3.009	2.776	2.621
25	4.242	3.385	2.991	2.759	2.603
26	4.225	3.369	2.975	2.743	2.587
27	4.21	3.354	2.96	2.728	2.572
28	4.196	3.34	2.947	2.714	2.558
29	4.183	3.328	2.934	2.701	2.545
30	4.171	3.316	2.922	2.69	2.534
40	4.085	3.232	2.839	2.606	2.449
50	4.034	3.183	2.79	2.557	2.4
60	4.001	3.15	2.758	2.525	2.368
70	3.978	3.128	2.736	2.503	2.346
80	3.96	3.111	2.716	2.486	2.329
81	3.959	3.109	2.717	2.484	2.327
82	3.957	3.108	2.716	2.483	2.326

df	df 2				
	1	2	3	4	5
83	3.956	3.107	2.715	2.482	2.324
84	3.955	3.105	2.713	2.48	2.323
85	3.953	3.104	2.712	2.479	2.322
86	3.952	3.103	2.711	2.478	2.321
87	3.951	3.101	2.709	2.476	2.319
88	3.949	3.1	2.708	2.475	2.318
89	3.948	3.099	2.707	2.474	2.317
90	3.947	3.098	2.706	2.473	2.316
91	3.946	3.097	2.705	2.472	2.315
92	3.945	3.095	2.704	2.471	2.313
93	3.943	3.094	2.703	2.47	2.312
94	3.942	3.093	2.701	2.469	2.311
95	3.941	3.092	2.7	2.467	2.31
96	3.94	3.091	2.699	2.466	2.309
97	3.939	3.09	2.698	2.465	2.308
98	3.938	3.089	2.697	2.465	2.307
99	3.937	3.088	2.626	2.464	2.306
100	3.936	3.087	2.696	2.463	2.305
101	3.94	3.09	2.69	2.46	2.30
102	3.93	3.09	2.69	2.46	2.30
103	3.93	3.08	2.69	2.46	2.30
104	3.93	3.08	2.69	2.46	2.30
105	3.93	3.08	2.69	2.46	2.30
106	3.93	3.08	2.69	2.46	2.30
107	3.93	3.08	2.69	2.46	2.30
108	3.93	3.08	2.69	2.46	2.30
109	3.93	3.08	2.69	2.45	2.30
110	3.93	3.08	2.69	2.45	2.30

Struktur Organisasi

