Lampiran 1

No Responden

KUESIONER PENELITIAN

Kepada Yth :

Bapak/ Saudara

Di Tempat

Dengan Hormat,

Dalam rangka penyelesaian penelitian untuk keperluan skripsi yang berjudul :

PENGARUH DISIPLIN KERJA DAN LINGKUNGAN KERJA FISIK TERHADAP KINERJA KARYAWAN PT. AGRITEHKNIK KREASINDO ABADI

Bersama ini saya

Nama	: Laeli Muthoharoh
NPM	: 1812110413
Jurusan	: S1 Manajemen
Dosen Pembimbing	: Besti Lilyana, S,H.,M.M
E-mail	: Laelimuthoharoh354@gmail.com

Memohon bantuan bapak/saudara untuk mengisi kuesioner penelitian yang terlampir. Penelitian ini bertujuan untuk mengetahui perbandingan kinerja karyawan sebelum dan sesudah penelitian pada PT. ARGOTEHKNIK KREASINDO ABADI**.** Jawaban subjektif akan sangat membantu penelitian ini. Semua jawaban akan dijaga kerahasiaanya dan hanya dipergunakan untuk kepentingan penelitian.

Hormat Saya,

Laeli Muthoharoh

KUESIONER

Pertanyaan di bawah ini dalam rangka penelitian skripsi dengan judul :

"PENGARUH DISIPLIN DAN LINGKUNGAN KERJA TERHADAP KINERJA KARYAWAN PT. AGRITEKNIK KREASINDO ABADI"

Petunjuk pengisian :

1. Pilihlah salah satu jawaban yang memenuhi persepsi Saudara dengan cara memberi tandacentang(√).
2. Isilah data responden berikut berdasarkan kriteria yang Bapak/Ibu/Saudara-i miliki.

SS = Sangat Setuju **S = Setuju** **KS = Kurang Setuju**

TS = Tidak Setuju **STS = Sangat Tidak Setuju**

DATA RESPONDEN:

1. Nama Responden :
   ……*)**boleh tidak diisi**

2. Jenis Kelamin : ☐ Laki – Laki ☐ Perempuan

3. Pendidikan Terakhir : ☐ Sekolah Dasar ☐ Sarjana (S1)
   ☐ Sekolah Menengah Pertama ☐ Master (S2)
   ☐ Sekolah Menengah Atas ☐ Doktor (S3)
   ☐ Diploma

4. Lama kerja : ☐ 5 - 10 Tahun ☐ 11-15 Tahun
   ☐ 16 - 20 Tahun ☐ 21 - 25 Tahun
   ☐ > 26 Tahun

1. Disiplin Kerja

No	Pernyataan	SS	S	N	TS	STS
1	Bekerja sesuai dengan aturan yang berlaku di perusahaan.					
2	Selalu mematuhi peraturan perusahaan dan bertingkah laku baik dalam pekerjaan.					
3	Melakukan pekerjaan sesuai dengan tugas dan tanggung jawab.					
4	Mentaati peraturan lain yang harus oleh karyawan dalam perusahaan.					
5	Mentaati peraturan dan prilaku dalam menjalankan pekerjaan.					
6	Melakukan pekerjaan sesuai dengan jabatan yang diterima.					

2. Lingkungan Kerja

No	Pernyataan	SS	S	N	TS	STS
1	Pencahayaan yang baik dapat membantu karyawan dalam bekerja.					
2	Ruangan tempat karyawan bekerja memiliki sirkulasi ruang kerja yang baik.					
3	Tata letak ruangan bekerja membuat karyawan nyaman dalam bekerja.					
4	Dekorasi ruang kerja dapat mendukung aktivitas karyawan bekerja.					
5	Kebisingan dalam lingkungan kerja dapat menghambat produktivitas kerja.					
6	Fasilitas perusahaan dapatmendukung karyawan dalammenyelesaikan pekerjaan.					

3. Kinerja Karyawan

No	Pernyataan	SS	S	N	TS	STS
1	Dalam menyelesaikan pekerjaan tingkat kerapihan sangat mempengaruhi.					
2	Karyawan dapat menyelesaikan pekerjaan tepat waktu.					
3	Kualitas pekerjaan yang baik dapat membuat karyawan bertanggung jawab.					
4	Mampu menyelesaila pekerjaan sesuai target perusahaan					
5	Bekerja sesuai dengan pengetahuan yang dimiliki oleh karyawan.					
6	Berusaha melakukan pekerjaan yang ditetapkan dengan baik					

Lampiran 2

No	X1.1	X1.2	X1.3	X1.4	X1.5	X1.6	Disiplin Kerja
1	5	4	4	4	4	4	25
2	5	3	5	5	4	5	27
3	4	5	5	4	5	3	26
4	4	4	4	2	3	3	20
5	5	5	5	4	5	4	28
6	3	3	3	3	3	3	18
7	3	4	4	3	4	4	22
8	5	5	5	3	5	5	28
9	4	4	4	5	4	4	25
10	3	3	3	2	5	5	21
11	4	4	4	5	4	4	25
12	3	3	3	4	3	3	19
13	5	5	5	5	5	5	30
14	2	3	2	3	2	3	15
15	5	5	5	3	5	5	28
16	3	3	3	3	3	3	18
17	4	4	4	4	4	4	24
18	3	3	3	4	3	3	19
19	3	3	3	3	3	3	18
20	4	4	4	5	4	4	25
21	4	4	4	4	4	5	25
22	5	4	3	5	5	5	27
23	5	5	4	5	5	4	28
24	4	3	4	4	4	5	24
25	4	4	4	4	4	3	23
26	4	5	2	4	4	3	22
27	4	4	4	4	4	3	23
28	3	2	3	3	3	4	18
29	5	4	5	5	5	4	28
30	3	3	2	3	3	3	17
31	4	5	5	4	4	5	27
32	3	2	4	3	3	2	17
33	4	5	4	4	4	5	26
34	4	4	3	4	3	4	22
35	3	4	3	3	4	4	21
36	3	3	2	4	4	3	19
37	4	3	3	3	4	3	20
38	4	4	3	3	4	2	20
39	4	3	4	4	4	4	23
40	3	4	3	3	2	4	19

No	X2.1	X2.2	X2.3	X2.4	X2.5	X2.6	Lingkungan Kerja Fisik
1	4	4	4	5	4	4	25
2	3	2	3	4	5	3	20
3	3	4	4	4	4	3	22
4	3	3	3	3	2	3	17
5	3	3	3	3	4	3	19
6	3	2	2	3	3	3	16
7	4	5	5	3	3	4	24
8	2	4	4	3	2	3	18
9	4	4	4	4	5	4	25
10	3	3	3	2	4	3	18
11	3	3	3	4	4	3	20
12	3	2	2	3	3	4	17
13	3	3	3	3	3	3	18
14	4	3	3	3	2	4	19
15	3	3	3	3	3	3	18
16	3	3	3	4	3	3	19
17	4	3	3	3	3	4	20
18	3	3	3	3	3	3	18
19	4	4	4	4	3	4	23
20	2	3	3	3	3	2	16
21	4	4	4	4	4	4	24
22	3	2	2	2	3	3	15
23	4	3	3	4	4	4	22
24	5	4	4	3	2	5	23
25	3	3	3	4	3	3	19
26	3	4	4	5	4	3	23
27	4	2	2	3	3	4	18
28	4	4	4	3	4	4	23
29	4	3	3	4	2	4	20
30	3	3	3	4	4	3	20
31	4	4	5	4	5	5	27
32	2	3	3	4	4	3	19
33	4	3	3	3	4	3	20
34	3	3	4	3	4	4	21
35	3	3	3	2	5	4	20
36	3	4	5	5	5	5	27
37	4	4	2	4	5	4	23
38	2	3	5	4	4	2	20
39	4	5	4	3	4	4	24
40	3	3	4	3	4	3	20

No	Y.1	Y.2	Y.3	Y.4	Y.5	Y.6	Kinerja Karyawan
1	4	4	4	5	4	5	**26**
2	3	5	5	5	5	4	**27**
3	4	5	5	4	3	4	**25**
4	4	4	4	5	3	3	**23**
5	4	4	4	3	3	3	**21**
6	2	4	4	3	4	3	**20**
7	4	4	4	3	4	3	**22**
8	3	3	3	4	3	3	**19**
9	5	5	5	4	5	4	**28**
10	2	3	3	3	2	2	**15**
11	5	4	4	5	5	4	**27**
12	4	3	3	2	4	3	**19**
13	4	4	4	5	4	3	**24**
14	3	4	3	4	3	3	**20**
15	3	3	4	4	3	3	**20**
16	2	4	4	3	2	4	**19**
17	3	3	4	3	3	3	**19**
18	3	3	4	2	4	3	**19**
19	4	4	4	4	4	4	**24**
20	3	3	2	4	4	3	**19**
21	4	4	4	5	4	4	**25**
22	2	2	3	3	3	2	**15**
23	4	4	3	3	4	4	**22**
24	3	3	3	4	3	3	**19**
25	3	3	3	3	4	4	**20**
26	3	3	4	5	4	5	**24**
27	5	4	4	2	4	3	**22**
28	2	2	3	5	3	3	**18**
29	5	4	5	4	5	4	**27**
30	4	3	3	4	3	4	**21**
31	4	4	4	4	4	4	**24**
32	2	3	2	2	2	3	**14**
33	3	4	3	3	4	4	**21**
34	4	5	4	4	3	2	**22**
35	3	3	3	3	4	3	**19**
36	4	3	4	4	5	4	**24**
37	2	4	2	2	3	3	**16**
38	4	4	4	4	3	4	**23**
39	3	4	3	3	4	2	**19**
40	3	3	3	3	4	4	**20**

Lampiran 3

Jenis_kelamin

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Laki-laki	40	100,0	100,0	100,0

Pedidikan

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	SMA	40	100,0	100,0	100,0

Lama_Kerja

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	5 - 10 Tahun	14	35,0	35,0	35,0
	11-15 Tahun	12	30,0	30,0	65,0
	16 - 20 Tahun	9	22,5	22,5	87,5
	21 - 25 Tahun	5	12,5	12,5	100,0
	Total	40	100,0	100,0	

Lampiran 4

X1.1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	1	2,5	2,5	2,5
	3	13	32,5	32,5	35,0
	4	17	42,5	42,5	77,5
	5	9	22,5	22,5	100,0
	Total	40	100,0	100,0	

X1.2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	2	5,0	5,0	5,0
	3	13	32,5	32,5	37,5
	4	16	40,0	40,0	77,5
	5	9	22,5	22,5	100,0
	Total	40	100,0	100,0	

X1.3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	4	10,0	10,0	10,0
	3	13	32,5	32,5	42,5
	4	15	37,5	37,5	80,0
	5	8	20,0	20,0	100,0
	Total	40	100,0	100,0	

X1.4

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	2	5,0	5,0	5,0
	3	14	35,0	35,0	40,0
	4	16	40,0	40,0	80,0
	5	8	20,0	20,0	100,0
	Total	40	100,0	100,0	

X1.5

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	2	5,0	5,0	5,0
	3	10	25,0	25,0	30,0
	4	19	47,5	47,5	77,5
	5	9	22,5	22,5	100,0
	Total	40	100,0	100,0	

X1.6

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	2	5,0	5,0	5,0
	3	14	35,0	35,0	40,0
	4	14	35,0	35,0	75,0
	5	10	25,0	25,0	100,0
	Total	40	100,0	100,0	

X2.1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	4	10,0	10,0	10,0
	3	20	50,0	50,0	60,0
	4	15	37,5	37,5	97,5
	5	1	2,5	2,5	100,0
	Total	40	100,0	100,0	

X2.2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	5	12,5	12,5	12,5
	3	21	52,5	52,5	65,0
	4	12	30,0	30,0	95,0
	5	2	5,0	5,0	100,0
	Total	40	100,0	100,0	

X2.3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	5	12,5	12,5	12,5
	3	19	47,5	47,5	60,0
	4	12	30,0	30,0	90,0
	5	4	10,0	10,0	100,0
	Total	40	100,0	100,0	

X2.4

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	3	7,5	7,5	7,5
	3	19	47,5	47,5	55,0
	4	15	37,5	37,5	92,5
	5	3	7,5	7,5	100,0
	Total	40	100,0	100,0	

X2.5

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	5	12,5	12,5	12,5
	3	13	32,5	32,5	45,0
	4	16	40,0	40,0	85,0
	5	6	15,0	15,0	100,0
	Total	40	100,0	100,0	

X2.6

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	2	5,0	5,0	5,0
	3	19	47,5	47,5	52,5
	4	16	40,0	40,0	92,5
	5	3	7,5	7,5	100,0
	Total	40	100,0	100,0	

Y1

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	7	17,5	17,5	17,5
	3	14	35,0	35,0	52,5
	4	15	37,5	37,5	90,0
	5	4	10,0	10,0	100,0
	Total	40	100,0	100,0	

Y2

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	2	5,0	5,0	5,0
	3	15	37,5	37,5	42,5
	4	19	47,5	47,5	90,0
	5	4	10,0	10,0	100,0
	Total	40	100,0	100,0	

Y3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	3	7,5	7,5	7,5
	3	14	35,0	35,0	42,5
	4	19	47,5	47,5	90,0
	5	4	10,0	10,0	100,0
	Total	40	100,0	100,0	

Y4

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	5	12,5	12,5	12,5
	3	13	32,5	32,5	45,0
	4	14	35,0	35,0	80,0
	5	8	20,0	20,0	100,0
	Total	40	100,0	100,0	

Y5

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	3	7,5	7,5	7,5
	3	14	35,0	35,0	42,5
	4	18	45,0	45,0	87,5
	5	5	12,5	12,5	100,0
	Total	40	100,0	100,0	

Y6

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2	4	10,0	10,0	10,0
	3	18	45,0	45,0	55,0
	4	16	40,0	40,0	95,0
	5	2	5,0	5,0	100,0
	Total	40	100,0	100,0	

Lampiran 5

Correlations

		X1.1	X1.2	X1.3	X1.4	X1.5	X1.6	Disiplin Kerja
X1.1	Pearson Correlation	1	,732**	,909**	,409*	,724**	,663**	,920**
	Sig. (1-tailed)		,000	,000	,037	,000	,001	,000
	N	20	20	20	20	20	20	20
X1.2	Pearson Correlation	,732**	1	,831**	,205	,760**	,442*	,816**
	Sig. (1-tailed)	,000		,000	,193	,000	,025	,000
	N	20	20	20	20	20	20	20
X1.3	Pearson Correlation	,909**	,831**	1	,377	,810**	,618**	,941**
	Sig. (1-tailed)	,000	,000		,050	,000	,002	,000
	N	20	20	20	20	20	20	20
X1.4	Pearson Correlation	,409*	,205	,377	1	,201	,205	,517**
	Sig. (1-tailed)	,037	,193	,050		,198	,193	,010
	N	20	20	20	20	20	20	20
X1.5	Pearson Correlation	,724**	,760**	,810**	,201	1	,760**	,874**
	Sig. (1-tailed)	,000	,000	,000	,198		,000	,000
	N	20	20	20	20	20	20	20
X1.6	Pearson Correlation	,663**	,442*	,618**	,205	,760**	1	,756**
	Sig. (1-tailed)	,001	,025	,002	,193	,000		,000
	N	20	20	20	20	20	20	20
Disiplin Kerja	Pearson Correlation	,920**	,816**	,941**	,517**	,874**	,756**	1
	Sig. (1-tailed)	,000	,000	,000	,010	,000	,000	
	N	20	20	20	20	20	20	20

**. Correlation is significant at the 0.01 level (1-tailed).

*. Correlation is significant at the 0.05 level (1-tailed).

Correlations

		X2.1	X2.2	X2.3	X2.4	X2.5	X2.6	Lingkungan Kerja Fisik
X2.1	Pearson Correlation	1	,356	,358	,331	,178	,868**	,721**
	Sig. (1-tailed)		,062	,061	,077	,226	,000	,000
	N	20	20	20	20	20	20	20
X2.2	Pearson Correlation	,356	1	,957**	,266	-,016	,336	,725**
	Sig. (1-tailed)	,062		,000	,129	,474	,074	,000
	N	20	20	20	20	20	20	20
X2.3	Pearson Correlation	,358	,957**	1	,356	,127	,322	,788**
	Sig. (1-tailed)	,061	,000		,062	,296	,083	,000
	N	20	20	20	20	20	20	20
X2.4	Pearson Correlation	,331	,266	,356	1	,445*	,261	,667**
	Sig. (1-tailed)	,077	,129	,062		,025	,133	,001
	N	20	20	20	20	20	20	20
X2.5	Pearson Correlation	,178	-,016	,127	,445*	1	,021	,487*
	Sig. (1-tailed)	,226	,474	,296	,025		,464	,015
	N	20	20	20	20	20	20	20
X2.6	Pearson Correlation	,868**	,336	,322	,261	,021	1	,639**
	Sig. (1-tailed)	,000	,074	,083	,133	,464		,001
	N	20	20	20	20	20	20	20
Lingkungan Kerja Fisik	Pearson Correlation	,721**	,725**	,788**	,667**	,487*	,639**	1
	Sig. (1-tailed)	,000	,000	,000	,001	,015	,001	
	N	20	20	20	20	20	20	20

**. Correlation is significant at the 0.01 level (1-tailed).

*. Correlation is significant at the 0.05 level (1-tailed).

Correlations

		Y1	Y2	Y3	Y4	Y5	Y6	Kinerja Karyawan
Y1	Pearson Correlation	1	,409*	,346	,384*	,578**	,429*	,739**
	Sig. (1-tailed)		,037	,067	,047	,004	,030	,000
	N	20	20	20	20	20	20	20
Y2	Pearson Correlation	,409*	1	,751**	,470*	,377	,609**	,800**
	Sig. (1-tailed)	,037		,000	,018	,051	,002	,000
	N	20	20	20	20	20	20	20
Y3	Pearson Correlation	,346	,751**	1	,237	,304	,532**	,691**
	Sig. (1-tailed)	,067	,000		,157	,096	,008	,000
	N	20	20	20	20	20	20	20
Y4	Pearson Correlation	,384*	,470*	,237	1	,308	,467*	,681**
	Sig. (1-tailed)	,047	,018	,157		,093	,019	,000
	N	20	20	20	20	20	20	20
Y5	Pearson Correlation	,578**	,377	,304	,308	1	,427*	,702**
	Sig. (1-tailed)	,004	,051	,096	,093		,030	,000
	N	20	20	20	20	20	20	20
Y6	Pearson Correlation	,429*	,609**	,532**	,467*	,427*	1	,767**
	Sig. (1-tailed)	,030	,002	,008	,019	,030		,000
	N	20	20	20	20	20	20	20
Kinerja Karyawan	Pearson Correlation	,739**	,800**	,691**	,681**	,702**	,767**	1
	Sig. (1-tailed)	,000	,000	,000	,000	,000	,000	
	N	20	20	20	20	20	20	20

*. Correlation is significant at the 0.05 level (1-tailed).

**. Correlation is significant at the 0.01 level (1-tailed).

Lampiran 6

Case Processing Summary

		N	%
Cases	Valid	20	100,0
	Excluded[a]	0	,0
	Total	20	100,0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
,887	6

Case Processing Summary

		N	%
Cases	Valid	20	100,0
	Excluded[a]	0	,0
	Total	20	100,0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
,740	6

Case Processing Summary

		N	%
Cases	Valid	20	100,0
	Excluded[a]	0	,0
	Total	20	100,0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	N of Items
,813	6

Lampiran 7

One-Sample Kolmogorov-Smirnov Test

		Disiplin Kerja	Lingkungan Kerja Fisik	Kinerja Karyawan
N		40	40	40
Normal Parameters[a,b]	Mean	22,75	20,50	21,28
	Std. Deviation	3,914	2,970	3,449
Most Extreme Differences	Absolute	,117	,192	,130
	Positive	,109	,192	,119
	Negative	-,117	-,100	-,130
Kolmogorov-Smirnov Z		,742	1,213	,821
Asymp. Sig. (2-tailed)		,641	,105	,511

a. Test distribution is Normal.

b. Calculated from data.

Lampiran 8

ANOVA Table

			Sum of Squares	df	Mean Square	F	Sig.
Kinerja Karyawan * Lingkungan Kerja Fisik	Between Groups	(Combined)	204,542	11	18,595	2,007	,067
		Linearity	88,518	1	88,518	9,554	,004
		Deviation from Linearity	116,023	10	11,602	1,252	,303
	Within Groups		259,433	28	9,265		
	Total		463,975	39			

ANOVA Table

			Sum of Squares	df	Mean Square	F	Sig.
Kinerja Karyawan * Disiplin Kerja	Between Groups	(Combined)	178,925	13	13,763	1,255	,299
		Linearity	60,896	1	60,896	5,554	,026
		Deviation from Linearity	118,029	12	9,836	,897	,561
	Within Groups		285,050	26	10,963		
	Total		463,975	39			

Lampiran 9

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	Collinearity Statistics	
		B	Std. Error	Beta			Tolerance	VIF
1	(Constant)	3,988	4,215		,946	,350		
	Disiplin Kerja	,311	,120	,353	2,593	,014	1,000	1,000
	Lingkungan Kerja Fisik	,498	,158	,429	3,153	,003	1,000	1,000

a. Dependent Variable: Kinerja Karyawan

Lampiran 10

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,561[a]	,315	,278	2,930

a. Predictors: (Constant), Lingkungan Kerja Fisik, Disiplin Kerja

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	3,988	4,215		,946	,350
	Disiplin Kerja	,311	,120	,353	2,593	,014
	Lingkungan Kerja Fisik	,498	,158	,429	3,153	,003

a. Dependent Variable: Kinerja Karyawan

Lampiran 11

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	14,012	3,075		4,557	,000
	Disiplin Kerja	,319	,133	,362	2,396	,022

a. Dependent Variable: Kinerja Karyawan

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	10,876	3,510		3,099	,004
	Lingkungan Kerja Fisik	,507	,169	,437	2,993	,005

a. Dependent Variable: Kinerja Karyawan

Lampiran 12

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	146,247	2	73,123	8,515	,001[b]
	Residual	317,728	37	8,587		
	Total	463,975	39			

a. Dependent Variable: Kinerja Karyawan

b. Predictors: (Constant), Lingkungan Kerja Fisik, Disiplin Kerja

Lampiran 13

Tabel t

Pr / df	0.25 0.50	0.10 0.20	0.05 0.10	0.025 0.050	0.01 0.02	0.005 0.010	0.001 0.002
1	1.00000	3.07768	6.31375	12.70620	31.82052	63.65674	318.30884
2	0.81650	1.88562	2.91999	4.30265	6.96456	9.92484	22.32712
3	0.76489	1.63774	2.35336	3.18245	4.54070	5.84091	10.21453
4	0.74070	1.53321	2.13185	2.77645	3.74695	4.60409	7.17318
5	0.72669	1.47588	2.01505	2.57058	3.36493	4.03214	5.89343
6	0.71756	1.43976	1.94318	2.44691	3.14267	3.70743	5.20763
7	0.71114	1.41492	1.89458	2.36462	2.99795	3.49948	4.78529
8	0.70639	1.39682	1.85955	2.30600	2.89646	3.35539	4.50079
9	0.70272	1.38303	1.83311	2.26216	2.82144	3.24984	4.29681
10	0.69981	1.37218	1.81246	2.22814	2.76377	3.16927	4.14370
11	0.69745	1.36343	1.79588	2.20099	2.71808	3.10581	4.02470
12	0.69548	1.35622	1.78229	2.17881	2.68100	3.05454	3.92963
13	0.69383	1.35017	1.77093	2.16037	2.65031	3.01228	3.85198
14	0.69242	1.34503	1.76131	2.14479	2.62449	2.97684	3.78739
15	0.69120	1.34061	1.75305	2.13145	2.60248	2.94671	3.73283
16	0.69013	1.33676	1.74588	2.11991	2.58349	2.92078	3.68615
17	0.68920	1.33338	1.73961	2.10982	2.56693	2.89823	3.64577
18	0.68836	1.33039	1.73406	2.10092	2.55238	2.87844	3.61048
19	0.68762	1.32773	1.72913	2.09302	2.53948	2.86093	3.57940
20	0.68695	1.32534	1.72472	2.08596	2.52798	2.84534	3.55181
21	0.68635	1.32319	1.72074	2.07961	2.51765	2.83136	3.52715
22	0.68581	1.32124	1.71714	2.07387	2.50832	2.81876	3.50499
23	0.68531	1.31946	1.71387	2.06866	2.49987	2.80734	3.48496
24	0.68485	1.31784	1.71088	2.06390	2.49216	2.79694	3.46678
25	0.68443	1.31635	1.70814	2.05954	2.48511	2.78744	3.45019
26	0.68404	1.31497	1.70562	2.05553	2.47863	2.77871	3.43500
27	0.68368	1.31370	1.70329	2.05183	2.47266	2.77068	3.42103
28	0.68335	1.31253	1.70113	2.04841	2.46714	2.76326	3.40816
29	0.68304	1.31143	1.69913	2.04523	2.46202	2.75639	3.39624
30	0.68276	1.31042	1.69726	2.04227	2.45726	2.75000	3.38518
31	0.68249	1.30946	1.69552	2.03951	2.45282	2.74404	3.37490
32	0.68223	1.30857	1.69389	2.03693	2.44868	2.73848	3.36531
33	0.68200	1.30774	1.69236	2.03452	2.44479	2.73328	3.35634
34	0.68177	1.30695	1.69092	2.03224	2.44115	2.72839	3.34793
35	0.68156	1.30621	1.68957	2.03011	2.43772	2.72381	3.34005
36	0.68137	1.30551	1.68830	2.02809	2.43449	2.71948	3.33262
37	0.68118	1.30485	1.68709	2.02619	2.43145	2.71541	3.32563
38	0.68100	1.30423	1.68595	2.02439	2.42857	2.71156	3.31903
39	0.68083	1.30364	1.68488	2.02269	2.42584	2.70791	3.31279
40	0.68067	1.30308	1.68385	2.02108	2.42326	2.70446	3.30688
41	0.68052	1.30254	1.68288	2.01954	2.42080	2.70118	3.30127
42	0.68038	1.30204	1.68195	2.01808	2.41847	2.69807	3.29595
43	0.68024	1.30155	1.68107	2.01669	2.41625	2.69510	3.29089
44	0.68011	1.30109	1.68023	2.01537	2.41413	2.69228	3.28607
45	0.67998	1.30065	1.67943	2.01410	2.41212	2.68959	3.28148
46	0.67986	1.30023	1.67866	2.01290	2.41019	2.68701	3.27710
47	0.67975	1.29982	1.67793	2.01174	2.40835	2.68456	3.27291
48	0.67964	1.29944	1.67722	2.01063	2.40658	2.68220	3.26891
49	0.67953	1.29907	1.67655	2.00958	2.40489	2.67995	3.26508

50	0.67943	1.29871	1.67591	2.00856	2.40327	2.67779	3.26141
51	0.67933	1.29837	1.67528	2.00758	2.40172	2.67572	3.25789
52	0.67924	1.29805	1.67469	2.00665	2.40022	2.67373	3.25451
53	0.67915	1.29773	1.67412	2.00575	2.39879	2.67182	3.25127
54	0.67906	1.29743	1.67356	2.00488	2.39741	2.66998	3.24815
55	0.67898	1.29713	1.67303	2.00404	2.39608	2.66822	3.24515
56	0.67890	1.29685	1.67252	2.00324	2.39480	2.66651	3.24226
57	0.67882	1.29658	1.67203	2.00247	2.39357	2.66487	3.23948
58	0.67874	1.29632	1.67155	2.00172	2.39238	2.66329	3.23680
59	0.67867	1.29607	1.67109	2.00100	2.39123	2.66176	3.23421
60	0.67860	1.29582	1.67065	2.00030	2.39012	2.66028	3.23171

Lampiran 14

Titik Persentase Distribusi F untuk Probabilita = 0,05

df untuk penyebut (N2)	df untuk pembilang (N1)														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	161	199	216	225	230	234	237	239	241	242	243	244	245	245	246
2	18.51	19.00	19.16	19.25	19.30	19.33	19.35	19.37	19.38	19.40	19.40	19.41	19.42	19.42	19.43
3	10.13	9.55	9.28	9.12	9.01	8.94	8.89	8.85	8.81	8.79	8.76	8.74	8.73	8.71	8.70
4	7.71	6.94	6.59	6.39	6.26	6.16	6.09	6.04	6.00	5.96	5.94	5.91	5.89	5.87	5.86
5	6.61	5.79	5.41	5.19	5.05	4.95	4.88	4.82	4.77	4.74	4.70	4.68	4.66	4.64	4.62
6	5.99	5.14	4.76	4.53	4.39	4.28	4.21	4.15	4.10	4.06	4.03	4.00	3.98	3.96	3.94
7	5.59	4.74	4.35	4.12	3.97	3.87	3.79	3.73	3.68	3.64	3.60	3.57	3.55	3.53	3.51
8	5.32	4.46	4.07	3.84	3.69	3.58	3.50	3.44	3.39	3.35	3.31	3.28	3.26	3.24	3.22
9	5.12	4.26	3.86	3.63	3.48	3.37	3.29	3.23	3.18	3.14	3.10	3.07	3.05	3.03	3.01
10	4.96	4.10	3.71	3.48	3.33	3.22	3.14	3.07	3.02	2.98	2.94	2.91	2.89	2.86	2.85
11	4.84	3.98	3.59	3.36	3.20	3.09	3.01	2.95	2.90	2.85	2.82	2.79	2.76	2.74	2.72
12	4.75	3.89	3.49	3.26	3.11	3.00	2.91	2.85	2.80	2.75	2.72	2.69	2.66	2.64	2.62
13	4.67	3.81	3.41	3.18	3.03	2.92	2.83	2.77	2.71	2.67	2.63	2.60	2.58	2.55	2.53
14	4.60	3.74	3.34	3.11	2.96	2.85	2.76	2.70	2.65	2.60	2.57	2.53	2.51	2.48	2.46
15	4.54	3.68	3.29	3.06	2.90	2.79	2.71	2.64	2.59	2.54	2.51	2.48	2.45	2.42	2.40
16	4.49	3.63	3.24	3.01	2.85	2.74	2.66	2.59	2.54	2.49	2.46	2.42	2.40	2.37	2.35
17	4.45	3.59	3.20	2.96	2.81	2.70	2.61	2.55	2.49	2.45	2.41	2.38	2.35	2.33	2.31
18	4.41	3.55	3.16	2.93	2.77	2.66	2.58	2.51	2.46	2.41	2.37	2.34	2.31	2.29	2.27
19	4.38	3.52	3.13	2.90	2.74	2.63	2.54	2.48	2.42	2.38	2.34	2.31	2.28	2.26	2.23
20	4.35	3.49	3.10	2.87	2.71	2.60	2.51	2.45	2.39	2.35	2.31	2.28	2.25	2.22	2.20
21	4.32	3.47	3.07	2.84	2.68	2.57	2.49	2.42	2.37	2.32	2.28	2.25	2.22	2.20	2.18
22	4.30	3.44	3.05	2.82	2.66	2.55	2.46	2.40	2.34	2.30	2.26	2.23	2.20	2.17	2.15
23	4.28	3.42	3.03	2.80	2.64	2.53	2.44	2.37	2.32	2.27	2.24	2.20	2.18	2.15	2.13
24	4.26	3.40	3.01	2.78	2.62	2.51	2.42	2.36	2.30	2.25	2.22	2.18	2.15	2.13	2.11
25	4.24	3.39	2.99	2.76	2.60	2.49	2.40	2.34	2.28	2.24	2.20	2.16	2.14	2.11	2.09
26	4.23	3.37	2.98	2.74	2.59	2.47	2.39	2.32	2.27	2.22	2.18	2.15	2.12	2.09	2.07
27	4.21	3.35	2.96	2.73	2.57	2.46	2.37	2.31	2.25	2.20	2.17	2.13	2.10	2.08	2.06
28	4.20	3.34	2.95	2.71	2.56	2.45	2.36	2.29	2.24	2.19	2.15	2.12	2.09	2.06	2.04
29	4.18	3.33	2.93	2.70	2.55	2.43	2.35	2.28	2.22	2.18	2.14	2.10	2.08	2.05	2.03
30	4.17	3.32	2.92	2.69	2.53	2.42	2.33	2.27	2.21	2.16	2.13	2.09	2.06	2.04	2.01
31	4.16	3.30	2.91	2.68	2.52	2.41	2.32	2.25	2.20	2.15	2.11	2.08	2.05	2.03	2.00
32	4.15	3.29	2.90	2.67	2.51	2.40	2.31	2.24	2.19	2.14	2.10	2.07	2.04	2.01	1.99
33	4.14	3.28	2.89	2.66	2.50	2.39	2.30	2.23	2.18	2.13	2.09	2.06	2.03	2.00	1.98
34	4.13	3.28	2.88	2.65	2.49	2.38	2.29	2.23	2.17	2.12	2.08	2.05	2.02	1.99	1.97
35	4.12	3.27	2.87	2.64	2.49	2.37	2.29	2.22	2.16	2.11	2.07	2.04	2.01	1.99	1.96
36	4.11	3.26	2.87	2.63	2.48	2.36	2.28	2.21	2.15	2.11	2.07	2.03	2.00	1.98	1.95
37	4.11	3.25	2.86	2.63	2.47	2.36	2.27	2.20	2.14	2.10	2.06	2.02	2.00	1.97	1.95
38	4.10	3.24	2.85	2.62	2.46	2.35	2.26	2.19	2.14	2.09	2.05	2.02	1.99	1.96	1.94
39	4.09	3.24	2.85	2.61	2.46	2.34	2.26	2.19	2.13	2.08	2.04	2.01	1.98	1.95	1.93
40	4.08	3.23	2.84	2.61	2.45	2.34	2.25	2.18	2.12	2.08	2.04	2.00	1.97	1.95	1.92
41	4.08	3.23	2.83	2.60	2.44	2.33	2.24	2.17	2.12	2.07	2.03	2.00	1.97	1.94	1.92
42	4.07	3.22	2.83	2.59	2.44	2.32	2.24	2.17	2.11	2.06	2.03	1.99	1.96	1.94	1.91
43	4.07	3.21	2.82	2.59	2.43	2.32	2.23	2.16	2.11	2.06	2.02	1.99	1.96	1.93	1.91
44	4.06	3.21	2.82	2.58	2.43	2.31	2.23	2.16	2.10	2.05	2.01	1.98	1.95	1.92	1.90
45	4.06	3.20	2.81	2.58	2.42	2.31	2.22	2.15	2.10	2.05	2.01	1.97	1.94	1.92	1.89