

HASIL KARAKTERISTIK RESPONDEN

karakteristik Responden Berdasarkan Jenis Kelamin

Jenis Kelamin	Frekuensi	Presentase (%)
Laki-laki	10	15%
Perempuan	36	85%
Total	46	100%

Karakteristik Responden Berdasarkan Pendidikan

Pendidikan	Frekuensi	Persentase (%)
SMP	2	5%
SMA	39	83%
Diploma	1	2%
S1	4	10%
Total	46	100%

Karakteristik Responden Berdasarkan Usia

Usia	Frekuensi	Persentase (%)
21-30	38	78%
31-40	5	15%
41-50	3	7%
Total	46	100%

(Di Tujukan Untuk Karyawan)

Petunjuk Pengisian Kuisisioner

Dalam memberikan tanggapan terhadap kuisisioner Bapa/Ibu/Saudara/i di mohon memperhatikan beberapa hal sbb:

1. Mohon di baca dan di pahami setiap pertanyaan dalam lembar angket kuisisioner, serta diisi dengan teliti, lengkap, jujur dan sesuai dengan situasi yang di sertakan.
2. Beri tanda (√) pada pernyataan-pernyataan di bawah ini yang paling sesuai menurut pandangan Bapak/Ibu/Saudara/i.
3. Setiap pertanyaan ada (5) pilihan jawaban, Bapak/Ibu/Saudara/i cukup memilih salah satu jawaban yang tersedia, dengan ketentuan sebagai berikut

SS = Sangat Setuju

S = Setuju

CS = Cukup Setuju

TS = Tidak Setuju

STS = Sangat Tidak Setuju

I. Identitas Responden

1. Nama :.....(Tidak harus di isi)
2. Jenis Kelamin : Pria Wanita
3. Umur :.....Tahun

4. Pendidikan Terakhir : SMP SMA
 Diploma Sarjana (S1) Lainnya

II. Kuisisioner

Variabel Kepuasan kerja

No	Pertanyaan	SS	S	CS	TS	STS
1	Saya merasa puas dengan penempatan kerja saya sudah sesuai dengan keahlian saya.					
2	Saya merasa puas dengan pekerjaan yang di bebaskan atau di berikan.					
3	Saya merasa puas dengan kondisi suasana dan lingkungan di tempat kerja					
4	Saya merasa sikap pemimpin saya sudah baik dalam kepemimpinannya					
5	Saya merasa puas dengan pekerjaan saya karena bervariasi.					

Variabel Motivasi

No	Pertanyaan	SS	S	CS	TS	STS
1	Saya merasa dengan pemberian gaji/ upah sudah sesuai dengan peraturan yang berlaku.					
2	Saya merasa puas dengan adanya insentif atau pemberian bonus – bonus dari perusahaan					
3	Saya merasa penempatan kerja sudah sesuai dengan kemampuan, pendidikan, dan pengalaman yang dimiliki					
4	Saya merasa aman di masa depan karena di tempat saya bekerja terdapat jaminan hari tua, pemberian pensiun, pemberian perumahan.					
5	Saya merasa nyaman di lingkungan tempat kerja saya karena dengan kecukupan cahaya dan jauh dari polusi					

Varibael Disiplin kerja

No	Pertanyaan	SS	S	CS	TS	STS
1	Saya merasa sudah memiliki tujuan untuk bekerja dengan datang tepat waktu					
2	Saya merasa pemimpin saya teladan dalam pekerjaannya menjadikan saya disiplin dalam pekerjaan					
3	Saya merasa pengawasan yang ada di perusahaan saya sudah baik.					
4	Saya merasa dengan adanya sanksi hukuman yang ada menjadikan saya disiplin dalam bekerja					
5	Saya merasa dengan ketegasan pemimpin saya menjadikan saya disiplin dalam bekerja.					

(Di Tujukan Untuk Pemimpin)

Petunjuk Pengisian Kuisioner

Dalam memberikan tanggapan terhadap kuisioner Bapa/Ibu/Saudara/i di mohon memperhatikan beberapa hal sbb:

1. Mohon di baca dan di pahami setiap pertanyaan dalam lembar angket kuisioner, serta diisi dengan teliti, lengkap, jujur dan sesuai dengan situasi yang di sertakan.
2. Beri tanda (√) pada pernyataan-pernyataan di bawah ini yang paling sesuai menurut pandangan Bapak/Ibu/Saudara/i.
3. Setiap pertanyaan ada (5) pilihan jawaban, Bapak/Ibu/Saudara/i cukup memilih salah satu jawaban yang tersedia, dengan ketentuan sebagai berikut

SS = Sangat Setuju

S = Setuju

CS = Cukup Setuju

TS = Tidak Setuju

STS = Sangat Tidak Setuju

III. Identitas Responden

1. Nama :.....(Tidak harus di isi)
2. Jenis Kelamin : Pria Wanita
3. Umur :.....Tahun

5. Pendidikan Terakhir : SMP SMA
 Diploma Sarjana (S1) lainnya

Variabel Kinerja Karyawan

No	Pertanyaan	SS	S	CS	TS	STS
1	Standar kuantitas kerja karyawan yang telah ditetapkan oleh instansi selama ini sudah sesuai dengan ketentuan perusahaan					
2	Standar kualitas kerja yang telah ditetapkan oleh instansi selama ini sudah dapat di capai dengan baik oleh Karyawan.					
3	Karyawan sudah tepat waktu dalam bekerja.					
4	Tingkat kehadiran kerja karyawan tinggi selama bekerja					
5	Karyawan selama bekerja sudah mampu bekerjasama antar tim					

TABULASI

No	kepuasan kerja (X1)					total 	Motivasi (X2)					Tota
	X1.	X1.	X1.	X1.	X1.		X2.	X2.	X2.	X2.	X2.	
	1	2	3	4	5		1	2	3	4	5	
1	5	5	4	4	4	22	3	3	4	4	3	17
2	4	3	4	4	4	19	5	4	3	5	4	21
3	4	4	4	4	4	20	4	3	4	5	3	19
4	4	5	5	4	5	23	3	3	3	2	4	15
5	4	5	4	4	4	21	3	4	5	2	4	18
6	5	5	5	5	4	24	3	4	3	2	5	17
7	5	4	4	4	4	21	5	5	4	4	5	23
8	5	4	4	4	4	21	2	2	2	2	2	10
9	4	5	4	4	4	21	2	2	3	2	3	12
10	4	5	4	4	4	21	2	2	4	3	2	13
11	4	4	4	4	4	20	5	5	4	5	5	24
12	4	5	4	4	4	21	5	5	4	4	5	23
13	5	4	4	4	4	21	5	5	4	4	5	23
14	4	5	4	4	4	21	4	4	4	4	4	20
15	4	5	4	4	4	21	4	4	5	5	4	22
16	5	5	5	5	5	25	4	4	5	4	4	21
17	5	5	5	5	5	25	4	5	5	5	4	23
18	5	4	5	5	5	24	4	5	5	5	4	23
19	4	5	5	5	4	23	4	5	5	5	4	23
20	4	4	4	5	5	22	5	5	5	5	5	25
21	5	5	4	4	5	23	4	4	4	4	4	20

22	4	5	4	4	4	21	5	5	5	5	5	25
23	4	5	4	4	4	21	3	3	2	3	4	15
24	4	4	4	5	5	22	3	3	4	2	3	15
25	5	5	5	5	5	25	5	5	3	4	4	21
26	5	5	5	5	5	25	5	4	5	2	4	20
27	4	4	4	4	4	20	5	5	4	4	5	23
28	5	4	4	5	5	23	2	2	3	2	4	13
29	4	4	5	4	5	22	2	2	3	2	4	13
30	5	5	5	4	5	24	4	3	3	2	4	16
31	5	5	5	5	5	25	2	2	3	2	4	13
32	5	4	4	4	4	21	2	2	4	2	3	13
33	5	5	5	5	5	25	2	2	4	3	4	15
34	5	5	4	5	5	24	2	2	3	2	4	13
35	4	5	4	4	4	21	3	4	3	2	4	16
36	5	5	3	5	5	23	5	4	3	4	4	20
37	5	5	5	5	5	25	3	4	4	2	3	16
38	5	5	5	5	5	25	4	4	4	4	4	20
39	5	5	5	5	5	25	4	4	4	4	4	20
40	5	5	5	5	5	25	3	4	3	3	3	16
41	4	4	2	5	5	20	3	5	3	2	2	15
42	4	4	3	4	4	19	3	5	4	3	3	18
43	4	4	4	4	4	20	5	5	4	4	5	23
44	4	4	4	4	4	20	4	4	4	2	4	18
45	4	4	4	4	4	20	2	2	3	4	3	14
46	4	4	4	4	4	20	2	2	4	3	4	15

Disiplin kerja (X3)					Total	Kinerja Karyawan (Y)					Total
X3.1	X3.2	X3.3	X3.4	X3.5		Y1.1	Y1.2	Y1.3	Y1.4	Y1.5	
4	4	3	4	3	18	4	4	2	4	3	17
4	3	3	5	4	19	4	3	4	4	4	19
4	5	3	4	4	20	4	3	4	4	3	18
4	4	4	5	5	22	3	3	3	4	5	18
4	5	4	5	5	23	5	4	5	4	4	22
4	5	4	5	5	23	4	5	5	4	5	23
4	5	5	5	5	24	4	4	4	4	4	20
4	3	4	2	4	17	4	3	4	3	2	16
4	3	3	3	3	16	3	3	3	2	4	15
3	4	3	4	3	17	4	2	3	4	2	15
4	4	4	4	4	20	4	4	5	4	5	22
5	5	4	4	5	23	4	4	5	5	4	22
5	5	4	4	4	22	4	4	4	4	4	20
5	4	5	5	4	23	4	4	5	5	4	22
4	4	5	4	5	22	4	4	4	4	4	20
5	4	4	5	5	23	4	5	5	4	4	22
5	4	4	5	5	23	5	5	5	5	5	25
5	4	4	5	5	23	5	5	5	5	5	25
5	4	4	5	5	23	5	5	5	5	5	25
5	5	5	5	5	25	5	5	5	5	5	25
4	4	4	4	4	20	4	4	4	4	4	20
5	5	5	5	5	25	5	5	5	5	5	25
4	4	4	4	4	20	4	4	4	4	4	20

4	4	3	4	4	19	3	3	4	5	4	19
5	4	4	4	4	21	4	4	5	5	5	23
4	5	4	5	4	22	4	5	4	4	5	22
4	5	5	5	5	24	4	4	4	4	4	20
3	4	4	4	3	18	3	4	3	4	3	17
4	3	4	3	4	18	4	3	4	3	4	18
3	4	3	3	4	17	3	4	3	3	4	17
4	4	3	4	4	19	3	4	3	3	4	17
3	3	3	3	4	16	4	4	3	3	4	18
4	4	3	4	3	18	4	3	3	3	3	16
4	4	4	4	4	20	4	3	4	3	4	18
4	5	4	5	5	23	4	4	3	4	5	20
5	4	4	5	5	23	4	5	5	5	4	23
5	5	4	5	5	24	4	4	3	4	4	19
4	4	4	4	4	20	4	4	4	4	4	20
4	4	4	4	4	20	4	4	4	4	4	20
3	3	3	3	3	15	3	3	4	3	4	17
3	3	3	3	3	15	3	3	3	3	3	15
3	3	3	4	4	17	3	3	4	3	4	17
4	5	5	5	5	24	4	4	4	4	4	20
4	4	4	4	4	20	4	4	4	4	4	20
4	3	3	3	3	16	3	3	3	2	4	15
4	4	3	4	3	18	4	3	4	4	4	19

Uji Validitas X1

Kepuasan Kerja

Correlations

	X1.1	X1.2	X1.3	X1.4	X1.5	Total
X1.1 Pearson Correlation	1	.289	.425**	.523**	.520**	.745**
Sig. (2-tailed)		.052	.003	.000	.000	.000
N	46	46	46	46	46	46
X1.2 Pearson Correlation	.289	1	.392**	.268	.254	.615**
Sig. (2-tailed)	.052		.007	.072	.088	.000
N	46	46	46	46	46	46
X1.3 Pearson Correlation	.425**	.392**	1	.348	.376**	.734**
Sig. (2-tailed)	.003	.007		.018	.010	.000
N	46	46	46	46	46	46
X1.4 Pearson Correlation	.523**	.268	.348	1	.738**	.768**
Sig. (2-tailed)	.000	.072	.018		.000	.000
N	46	46	46	46	46	46
X1.5 Pearson Correlation	.520**	.254	.376**	.738**	1	.774**
Sig. (2-tailed)	.000	.088	.010	.000		.000
N	46	46	46	46	46	46
Total Pearson Correlation	.745**	.615**	.734**	.768**	.774**	1
Sig. (2-tailed)	.000	.000	.000	.000	.000	
N	46	46	46	46	46	46

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

Correlations

	X1.1	X1.2	X1.3	X1.4	X1.5	Total
X1.1 Pearson Correlation	1	.289	.425**	.523**	.520**	.745**
Sig. (2-tailed)		.052	.003	.000	.000	.000
N	46	46	46	46	46	46
X1.2 Pearson Correlation	.289	1	.392**	.268	.254	.615**
Sig. (2-tailed)	.052		.007	.072	.088	.000
N	46	46	46	46	46	46
X1.3 Pearson Correlation	.425**	.392**	1	.348*	.376**	.734**
Sig. (2-tailed)	.003	.007		.018	.010	.000
N	46	46	46	46	46	46
X1.4 Pearson Correlation	.523**	.268	.348*	1	.738**	.768**
Sig. (2-tailed)	.000	.072	.018		.000	.000
N	46	46	46	46	46	46
X1.5 Pearson Correlation	.520**	.254	.376**	.738**	1	.774**
Sig. (2-tailed)	.000	.088	.010	.000		.000
N	46	46	46	46	46	46
Total Pearson Correlation	.745**	.615**	.734**	.768**	.774**	1
Sig. (2-tailed)	.000	.000	.000	.000	.000	
N	46	46	46	46	46	46

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

Uji validitas X2

Motivasi

Correlations

		X2.1	X2.2	X2.3	X2.4	X2.5	TOTAL
X2.1	Pearson Correlation	1	.830**	.421**	.651**	.617**	.911**
	Sig. (2-tailed)		.000	.004	.000	.000	.000
	N	46	46	46	46	46	46
X2.2	Pearson Correlation	.830**	1	.473**	.551**	.483**	.867**
	Sig. (2-tailed)	.000		.001	.000	.001	.000
	N	46	46	46	46	46	46
X2.3	Pearson Correlation	.421**	.473**	1	.494**	.295	.655**
	Sig. (2-tailed)	.004	.001		.000	.047	.000
	N	46	46	46	46	46	46
X2.4	Pearson Correlation	.651**	.551**	.494**	1	.375	.802**
	Sig. (2-tailed)	.000	.000	.000		.010	.000
	N	46	46	46	46	46	46
X2.5	Pearson Correlation	.617**	.483**	.295	.375	1	.676**
	Sig. (2-tailed)	.000	.001	.047	.010		.000
	N	46	46	46	46	46	46
TOTAL	Pearson Correlation	.911**	.867**	.655**	.802**	.676**	1
	Sig. (2-tailed)	.000	.000	.000	.000	.000	
	N	46	46	46	46	46	46

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

Correlations

		X2.1	X2.2	X2.3	X2.4	X2.5	TOTAL
X2.1	Pearson Correlation	1	.830**	.421**	.651**	.617**	.911**
	Sig. (2-tailed)		.000	.004	.000	.000	.000
	N	46	46	46	46	46	46
X2.2	Pearson Correlation	.830**	1	.473**	.551**	.483**	.867**
	Sig. (2-tailed)	.000		.001	.000	.001	.000
	N	46	46	46	46	46	46
X2.3	Pearson Correlation	.421**	.473**	1	.494**	.295*	.655**
	Sig. (2-tailed)	.004	.001		.000	.047	.000
	N	46	46	46	46	46	46
X2.4	Pearson Correlation	.651**	.551**	.494**	1	.375*	.802**
	Sig. (2-tailed)	.000	.000	.000		.010	.000
	N	46	46	46	46	46	46
X2.5	Pearson Correlation	.617**	.483**	.295*	.375*	1	.676**
	Sig. (2-tailed)	.000	.001	.047	.010		.000
	N	46	46	46	46	46	46
TOTAL	Pearson Correlation	.911**	.867**	.655**	.802**	.676**	1
	Sig. (2-tailed)	.000	.000	.000	.000	.000	
	N	46	46	46	46	46	46

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

Validitas X3

Disiplin Kerja

Correlations

		X3.1	X3.2	X3.3	X3.4	X3.5	TOTAL
X3.1	Pearson Correlation	1	.428**	.506**	.536**	.569**	.738**
	Sig. (2-tailed)		.003	.000	.000	.000	.000
	N	46	46	46	46	46	46
X3.2	Pearson Correlation	.428**	1	.554**	.668**	.576**	.797**
	Sig. (2-tailed)	.003		.000	.000	.000	.000
	N	46	46	46	46	46	46
X3.3	Pearson Correlation	.506**	.554**	1	.530**	.683**	.802**
	Sig. (2-tailed)	.000	.000		.000	.000	.000
	N	46	46	46	46	46	46
X3.4	Pearson Correlation	.536**	.668**	.530**	1	.673**	.850**
	Sig. (2-tailed)	.000	.000	.000		.000	.000
	N	46	46	46	46	46	46
X3.5	Pearson Correlation	.569**	.576**	.683**	.673**	1	.867**
	Sig. (2-tailed)	.000	.000	.000	.000		.000
	N	46	46	46	46	46	46
TOTAL	Pearson Correlation	.738**	.797**	.802**	.850**	.867**	1
	Sig. (2-tailed)	.000	.000	.000	.000	.000	
	N	46	46	46	46	46	46

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

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

Uji Validitas Y

Kinerja Karyawan

Correlations

		Y.1	Y.2	Y.3	Y.4	Y.5	TOTAL
Y.1	Pearson Correlation	1	.565**	.606**	.608**	.319*	.760**
	Sig. (2-tailed)		.000	.000	.000	.031	.000
	N	46	46	46	46	46	46
Y.2	Pearson Correlation	.565**	1	.542**	.575**	.615**	.833**
	Sig. (2-tailed)	.000		.000	.000	.000	.000
	N	46	46	46	46	46	46
Y.3	Pearson Correlation	.606**	.542**	1	.633**	.495**	.834**
	Sig. (2-tailed)	.000	.000		.000	.000	.000
	N	46	46	46	46	46	46
Y.4	Pearson Correlation	.608**	.575**	.633**	1	.396**	.815**
	Sig. (2-tailed)	.000	.000	.000		.006	.000
	N	46	46	46	46	46	46
Y.5	Pearson Correlation	.319*	.615**	.495**	.396**	1	.718**
	Sig. (2-tailed)	.031	.000	.000	.006		.000
	N	46	46	46	46	46	46
TOTAL	Pearson Correlation	.760**	.833**	.834**	.815**	.718**	1
	Sig. (2-tailed)	.000	.000	.000	.000	.000	
	N	46	46	46	46	46	46

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

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

Uji Reliabilitas X1

Reliability Statistics

Cronbach's Alpha	N of Items
.770	5

Uji Reliabilitas X2

Reliability Statistics

Cronbach's Alpha	N of Items
.846	5

Uji Reliabiliras X3

Reliability Statistics

Cronbach's Alpha	N of Items
.871	5

Uji Reliabilitas Y

Reliability Statistics

Cronbach's Alpha	N of Items
.850	5

Uji T dan Uji F

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
					R Square Change	F Change	df1	df2	Sig. F Change
1	.874 ^a	.764	.748	1.46332	.764	45.425	3	42	.000

a. Predictors: (Constant), X3, X1, X2

ANOVA^p

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	291.804	3	97.268	45.425	.000 ^a
	Residual	89.935	42	2.141		
	Total	381.739	45			

a. Predictors: (Constant), X3, X1, X2

b. Dependent Variable: Y

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	T	Sig.
		B	Std. Error	Beta		
1	(Constant)	-1.401	2.789		-.502	.618
	X1	.251	.114	.169	2.196	.034
	X2	.324	.079	.450	4.079	.000
	X3	.473	.113	.466	4.200	.000

a. Dependent Variable: Y

Tabel Uji R

df	0.10	0.05	0.02	0.01
1	0.9877	0.9969	0.9995	0.9999
2	0.9000	0.9500	0.9800	0.9900
3	0.8054	0.8783	0.9343	0.9587
4	0.7293	0.8114	0.8822	0.9172
5	0.6694	0.7545	0.8329	0.8745
6	0.6215	0.7067	0.7887	0.8343
7	0.5822	0.6664	0.7498	0.7977
8	0.5494	0.6319	0.7155	0.7646
9	0.5214	0.6021	0.6851	0.7348
10	0.4973	0.5760	0.6581	0.7079
11	0.4762	0.5529	0.6339	0.6835
12	0.4575	0.5324	0.6120	0.6614
13	0.4409	0.5140	0.5923	0.6411
14	0.4259	0.4973	0.5742	0.6226
15	0.4124	0.4821	0.5577	0.6055
16	0.4000	0.4683	0.5425	0.5897
17	0.3887	0.4555	0.5285	0.5751
18	0.3783	0.4438	0.5155	0.5614
19	0.3687	0.4329	0.5034	0.5487
20	0.3598	0.4227	0.4921	0.5368
21	0.3515	0.4132	0.4815	0.5256
22	0.3438	0.4044	0.4716	0.5151

23	0.3365	0.3961	0.4622	0.5052
24	0.3297	0.3882	0.4534	0.4958
25	0.3233	0.3809	0.4451	0.4869
26	0.3172	0.3739	0.4372	0.4785
27	0.3115	0.3673	0.4297	0.4705
28	0.3061	0.3610	0.4226	0.4629
29	0.3009	0.3550	0.4158	0.4556
30	0.2960	0.3494	0.4093	0.4487
31	0.2913	0.3440	0.4032	0.4421
32	0.2869	0.3388	0.3972	0.4357
33	0.2826	0.3338	0.3916	0.4296
34	0.2785	0.3291	0.3862	0.4238
35	0.2746	0.3246	0.3810	0.4182
36	0.2709	0.3202	0.3760	0.4128
37	0.2673	0.3160	0.3712	0.4076
38	0.2638	0.3120	0.3665	0.4026
39	0.2605	0.3081	0.3621	0.3978
40	0.2573	0.3044	0.3578	0.3932
41	0.2542	0.3008	0.3536	0.3887
42	0.2512	0.2973	0.3496	0.3843
43	0.2483	0.2940	0.3457	0.3801
44	0.2455	0.2907	0.3420	0.3761
45	0.2429	0.2876	0.3384	0.3721
46	0.2403	0.2845	0.3348	0.3683
47	0.2377	0.2816	0.3314	0.3646
48	0.2353	0.2787	0.3281	0.3610
49	0.2329	0.2759	0.3249	0.3575

50	0.2306	0.2732	0.3218	0.3542
51	0.2284	0.2706	0.3188	0.3509
52	0.2262	0.2681	0.3158	0.3477
53	0.2241	0.2656	0.3129	0.3445
54	0.2221	0.2632	0.3102	0.3415
55	0.2201	0.2609	0.3074	0.3385
56	0.2181	0.2586	0.3048	0.3357
57	0.2162	0.2564	0.3022	0.3328
58	0.2144	0.2542	0.2997	0.3301
59	0.2126	0.2521	0.2972	0.3274
60	0.2108	0.2500	0.2948	0.3248
61	0.2091	0.2480	0.2925	0.3223
62	0.2075	0.2461	0.2902	0.3198
63	0.2058	0.2441	0.2880	0.3173
64	0.2042	0.2423	0.2858	0.3150
65	0.2027	0.2404	0.2837	0.3126
66	0.2012	0.2387	0.2816	0.3104
67	0.1997	0.2369	0.2796	0.3081
68	0.1982	0.2352	0.2776	0.3060
69	0.1968	0.2335	0.2756	0.3038
70	0.1954	0.2319	0.2737	0.3017
71	0.1940	0.2303	0.2718	0.2997
72	0.1927	0.2287	0.2700	0.2977
73	0.1914	0.2272	0.2682	0.2957
74	0.1901	0.2257	0.2664	0.2938
75	0.1888	0.2242	0.2647	0.2919
76	0.1876	0.2227	0.2630	0.2900

77	0.1864	0.2213	0.2613	0.2882
78	0.1852	0.2199	0.2597	0.2864
79	0.1841	0.2185	0.2581	0.2847
80	0.1829	0.2172	0.2565	0.2830
81	0.1818	0.2159	0.2550	0.2813
82	0.1807	0.2146	0.2535	0.2796
83	0.1796	0.2133	0.2520	0.2780
84	0.1786	0.2120	0.2505	0.2764
85	0.1775	0.2108	0.2491	0.2748
86	0.1765	0.2096	0.2477	0.2732
87	0.1755	0.2084	0.2463	0.2717
88	0.1745	0.2072	0.2449	0.2702
89	0.1735	0.2061	0.2435	0.2687
90	0.1726	0.2050	0.2422	0.2673
91	0.1716	0.2039	0.2409	0.2659
92	0.1707	0.2028	0.2396	0.2645
93	0.1698	0.2017	0.2384	0.2631
94	0.1689	0.2006	0.2371	0.2617
95	0.1680	0.1996	0.2359	0.2604
96	0.1671	0.1986	0.2347	0.2591
97	0.1663	0.1975	0.2335	0.2578
98	0.1654	0.1966	0.2324	0.2565
99	0.1646	0.1956	0.2312	0.2552
100	0.1638	0.1946	0.2301	0.2540
1000	0.0519	0.0619	0.0734	0.0812
10000	0.0164	0.0196	0.0233	0.0258

Tabel Uji t

Titik Persentase Distribusi t (df = 1 –40)

df	Pr 0.50	0.25 0.20	0.10 0.10	0.05 0.050	0.025 0.02	0.01 0.010	0.005 0.002	0.001 0.001
								318.3088
1	1.00000	3.07768	6.31375	12.70620	31.82052	63.65674		4
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

Tabel Uji f

(N2)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
		19													
1	161	9	216	225	230	234	237	239	241	242	243	244	245	245	246
	18.5	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.	19.
2	1	00	16	25	30	33	35	37	38	40	40	41	42	42	43
	10.1	9.5	9.2	9.1	9.0	8.9	8.8	8.8	8.8	8.7	8.7	8.7	8.7	8.7	8.7
3	3	5	8	2	1	4	9	5	1	9	6	4	3	1	0
		6.9	6.5	6.3	6.2	6.1	6.0	6.0	6.0	5.9	5.9	5.9	5.8	5.8	5.8
4	7.71	4	9	9	6	6	9	4	0	6	4	1	9	7	6
		5.7	5.4	5.1	5.0	4.9	4.8	4.8	4.7	4.7	4.7	4.6	4.6	4.6	4.6
5	6.61	9	1	9	5	5	8	2	7	4	0	8	6	4	2
		5.1	4.7	4.5	4.3	4.2	4.2	4.1	4.1	4.0	4.0	4.0	3.9	3.9	3.9
6	5.99	4	6	3	9	8	1	5	0	6	3	0	8	6	4
		4.7	4.3	4.1	3.9	3.8	3.7	3.7	3.6	3.6	3.6	3.5	3.5	3.5	3.5
7	5.59	4	5	2	7	7	9	3	8	4	0	7	5	3	1
		4.4	4.0	3.8	3.6	3.5	3.5	3.4	3.3	3.3	3.3	3.2	3.2	3.2	3.2
8	5.32	6	7	4	9	8	0	4	9	5	1	8	6	4	2
		4.2	3.8	3.6	3.4	3.3	3.2	3.2	3.1	3.1	3.1	3.0	3.0	3.0	3.0
9	5.12	6	6	3	8	7	9	3	8	4	0	7	5	3	1
		4.1	3.7	3.4	3.3	3.2	3.1	3.0	3.0	2.9	2.9	2.9	2.8	2.8	2.8
10	4.96	0	1	8	3	2	4	7	2	8	4	1	9	6	5
		3.9	3.5	3.3	3.2	3.0	3.0	2.9	2.9	2.8	2.8	2.7	2.7	2.7	2.7
11	4.84	8	9	6	0	9	1	5	0	5	2	9	6	4	2
		3.8	3.4	3.2	3.1	3.0	2.9	2.8	2.8	2.7	2.7	2.6	2.6	2.6	2.6
12	4.75	9	9	6	1	0	1	5	0	5	2	9	6	4	2
		3.8	3.4	3.1	3.0	2.9	2.8	2.7	2.7	2.6	2.6	2.6	2.5	2.5	2.5
13	4.67	1	1	8	3	2	3	7	1	7	3	0	8	5	3
14	4.60	3.7	3.3	3.1	2.9	2.8	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.4	2.4

		4	4	1	6	5	6	0	5	0	7	3	1	8	6
		3.6	3.2	3.0	2.9	2.7	2.7	2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.4
15	4.54	8	9	6	0	9	1	4	9	4	1	8	5	2	0
		3.6	3.2	3.0	2.8	2.7	2.6	2.5	2.5	2.4	2.4	2.4	2.4	2.3	2.3
16	4.49	3	4	1	5	4	6	9	4	9	6	2	0	7	5
		3.5	3.2	2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.4	2.3	2.3	2.3	2.3
17	4.45	9	0	6	1	0	1	5	9	5	1	8	5	3	1
		3.5	3.1	2.9	2.7	2.6	2.5	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2
18	4.41	5	6	3	7	6	8	1	6	1	7	4	1	9	7
		3.5	3.1	2.9	2.7	2.6	2.5	2.4	2.4	2.3	2.3	2.3	2.2	2.2	2.2
19	4.38	2	3	0	4	3	4	8	2	8	4	1	8	6	3
		3.4	3.1	2.8	2.7	2.6	2.5	2.4	2.3	2.3	2.3	2.2	2.2	2.2	2.2
20	4.35	9	0	7	1	0	1	5	9	5	1	8	5	2	0
		3.4	3.0	2.8	2.6	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.2	2.2	2.1
21	4.32	7	7	4	8	7	9	2	7	2	8	5	2	0	8
		3.4	3.0	2.8	2.6	2.5	2.4	2.4	2.3	2.3	2.2	2.2	2.2	2.1	2.1
22	4.30	4	5	2	6	5	6	0	4	0	6	3	0	7	5
		3.4	3.0	2.8	2.6	2.5	2.4	2.3	2.3	2.2	2.2	2.2	2.1	2.1	2.1
23	4.28	2	3	0	4	3	4	7	2	7	4	0	8	5	3
		3.4	3.0	2.7	2.6	2.5	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.1
24	4.26	0	1	8	2	1	2	6	0	5	2	8	5	3	1
		3.3	2.9	2.7	2.6	2.4	2.4	2.3	2.2	2.2	2.2	2.1	2.1	2.1	2.0
25	4.24	9	9	6	0	9	0	4	8	4	0	6	4	1	9
		3.3	2.9	2.7	2.5	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.0	2.0
26	4.23	7	8	4	9	7	9	2	7	2	8	5	2	9	7
		3.3	2.9	2.7	2.5	2.4	2.3	2.3	2.2	2.2	2.1	2.1	2.1	2.0	2.0
27	4.21	5	6	3	7	6	7	1	5	0	7	3	0	8	6
		3.3	2.9	2.7	2.5	2.4	2.3	2.2	2.2	2.1	2.1	2.1	2.0	2.0	2.0
28	4.20	4	5	1	6	5	6	9	4	9	5	2	9	6	4
		3.3	2.9	2.7	2.5	2.4	2.3	2.2	2.2	2.1	2.1	2.1	2.0	2.0	2.0
29	4.18	3	3	0	5	3	5	8	2	8	4	0	8	5	3
30	4.17	3.3	2.9	2.6	2.5	2.4	2.3	2.2	2.2	2.1	2.1	2.0	2.0	2.0	2.0

		2	2	9	3	2	3	7	1	6	3	9	6	4	1
		3.3	2.9	2.6	2.5	2.4	2.3	2.2	2.2	2.1	2.1	2.0	2.0	2.0	2.0
31	4.16	0	1	8	2	1	2	5	0	5	1	8	5	3	0
		3.2	2.9	2.6	2.5	2.4	2.3	2.2	2.1	2.1	2.1	2.0	2.0	2.0	1.9
32	4.15	9	0	7	1	0	1	4	9	4	0	7	4	1	9
		3.2	2.8	2.6	2.5	2.3	2.3	2.2	2.1	2.1	2.0	2.0	2.0	2.0	1.9
33	4.14	8	9	6	0	9	0	3	8	3	9	6	3	0	8
		3.2	2.8	2.6	2.4	2.3	2.2	2.2	2.1	2.1	2.0	2.0	2.0	1.9	1.9
34	4.13	8	8	5	9	8	9	3	7	2	8	5	2	9	7
		3.2	2.8	2.6	2.4	2.3	2.2	2.2	2.1	2.1	2.0	2.0	2.0	1.9	1.9
35	4.12	7	7	4	9	7	9	2	6	1	7	4	1	9	6
		3.2	2.8	2.6	2.4	2.3	2.2	2.2	2.1	2.1	2.0	2.0	2.0	1.9	1.9
36	4.11	6	7	3	8	6	8	1	5	1	7	3	0	8	5
		3.2	2.8	2.6	2.4	2.3	2.2	2.2	2.1	2.1	2.0	2.0	2.0	1.9	1.9
37	4.11	5	6	3	7	6	7	0	4	0	6	2	0	7	5
		3.2	2.8	2.6	2.4	2.3	2.2	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9
38	4.10	4	5	2	6	5	6	9	4	9	5	2	9	6	4
		3.2	2.8	2.6	2.4	2.3	2.2	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9
39	4.09	4	5	1	6	4	6	9	3	8	4	1	8	5	3
		3.2	2.8	2.6	2.4	2.3	2.2	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9
40	4.08	3	4	1	5	4	5	8	2	8	4	0	7	5	2
		3.2	2.8	2.6	2.4	2.3	2.2	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.9
41	4.08	3	3	0	4	3	4	7	2	7	3	0	7	4	2
		3.2	2.8	2.5	2.4	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.9	1.9
42	4.07	2	3	9	4	2	4	7	1	6	3	9	6	4	1
		3.2	2.8	2.5	2.4	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.9	1.9
43	4.07	1	2	9	3	2	3	6	1	6	2	9	6	3	1
		3.2	2.8	2.5	2.4	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.9	1.9
44	4.06	1	2	8	3	1	3	6	0	5	1	8	5	2	0
		3.2	2.8	2.5	2.4	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.9	1.8
45	4.06	0	1	8	2	1	2	5	0	5	1	7	4	2	9
46	4.05	3.2	2.8	2.5	2.4	2.3	2.2	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.8

		0	1	7	2	0	2	5	9	4	0	7	4	1	9
		3.2	2.8	2.5	2.4	2.3	2.2	2.1	2.0	2.0	2.0	1.9	1.9	1.9	1.8
47	4.05	0	0	7	1	0	1	4	9	4	0	6	3	1	8
		3.1	2.8	2.5	2.4	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.9	1.8
48	4.04	9	0	7	1	9	1	4	8	3	9	6	3	0	8
		3.1	2.7	2.5	2.4	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.9	1.8
49	4.04	9	9	6	0	9	0	3	8	3	9	6	3	0	8
		3.1	2.7	2.5	2.4	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.9	1.8
50	4.03	8	9	6	0	9	0	3	7	3	9	5	2	9	7
		3.1	2.7	2.5	2.4	2.2	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.8	1.8
51	4.03	8	9	5	0	8	0	3	7	2	8	5	2	9	7
		3.1	2.7	2.5	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.9	1.8	1.8
52	4.03	8	8	5	9	8	9	2	7	2	8	4	1	9	6
		3.1	2.7	2.5	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.9	1.8	1.8
53	4.02	7	8	5	9	8	9	2	6	1	7	4	1	8	6
		3.1	2.7	2.5	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.9	1.8	1.8
54	4.02	7	8	4	9	7	8	2	6	1	7	4	1	8	6
		3.1	2.7	2.5	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.9	1.8	1.8
55	4.02	6	7	4	8	7	8	1	6	1	7	3	0	8	5
		3.1	2.7	2.5	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.9	1.8	1.8
56	4.01	6	7	4	8	7	8	1	5	0	6	3	0	7	5
		3.1	2.7	2.5	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.9	1.8	1.8
57	4.01	6	7	3	8	6	8	1	5	0	6	3	0	7	5
		3.1	2.7	2.5	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.8
58	4.01	6	6	3	7	6	7	0	5	0	6	2	9	7	4
		3.1	2.7	2.5	2.3	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.8
59	4.00	5	6	3	7	6	7	0	4	0	6	2	9	6	4
		3.1	2.7	2.5	2.3	2.2	2.1	2.1	2.0	1.9	1.9	1.9	1.8	1.8	1.8
60	4.00	5	6	3	7	5	7	0	4	9	5	2	9	6	4
		3.1	2.7	2.5	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8
61	4.00	5	6	2	7	5	6	9	4	9	5	1	8	6	3
62	4.00	3.1	2.7	2.5	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8

		5	5	2	6	5	6	9	3	9	5	1	8	5	3
		3.1	2.7	2.5	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8
63	3.99	4	5	2	6	5	6	9	3	8	4	1	8	5	3
		3.1	2.7	2.5	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8
64	3.99	4	5	2	6	4	6	9	3	8	4	1	8	5	3
		3.1	2.7	2.5	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8
65	3.99	4	5	1	6	4	5	8	3	8	4	0	7	5	2
		3.1	2.7	2.5	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8
66	3.99	4	4	1	5	4	5	8	3	8	4	0	7	4	2
		3.1	2.7	2.5	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8
67	3.98	3	4	1	5	4	5	8	2	8	3	0	7	4	2
		3.1	2.7	2.5	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8
68	3.98	3	4	1	5	4	5	8	2	7	3	0	7	4	2
		3.1	2.7	2.5	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.8	1.8	1.8
69	3.98	3	4	0	5	3	5	8	2	7	3	0	6	4	1
		3.1	2.7	2.5	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.8
70	3.98	3	4	0	5	3	4	7	2	7	3	9	6	4	1
		3.1	2.7	2.5	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.8
71	3.98	3	3	0	4	3	4	7	1	7	3	9	6	3	1
		3.1	2.7	2.5	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.8
72	3.97	2	3	0	4	3	4	7	1	6	2	9	6	3	1
		3.1	2.7	2.5	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.8
73	3.97	2	3	0	4	3	4	7	1	6	2	9	6	3	1
		3.1	2.7	2.5	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.8
74	3.97	2	3	0	4	2	4	7	1	6	2	9	5	3	0
		3.1	2.7	2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.8
75	3.97	2	3	9	4	2	3	6	1	6	2	8	5	3	0
		3.1	2.7	2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.8
76	3.97	2	2	9	3	2	3	6	1	6	2	8	5	2	0
		3.1	2.7	2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.8
77	3.97	2	2	9	3	2	3	6	0	6	2	8	5	2	0
78	3.96	3.1	2.7	2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.8

		1	2	9	3	2	3	6	0	5	1	8	5	2	0
		3.1	2.7	2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.7
79	3.96	1	2	9	3	2	3	6	0	5	1	8	5	2	9
		3.1	2.7	2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.7
80	3.96	1	2	9	3	1	3	6	0	5	1	8	4	2	9
		3.1	2.7	2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.7
81	3.96	1	2	8	3	1	2	5	0	5	1	7	4	2	9
		3.1	2.7	2.4	2.3	2.2	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.7
82	3.96	1	2	8	3	1	2	5	0	5	1	7	4	1	9
		3.1	2.7	2.4	2.3	2.2	2.1	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.7
83	3.96	1	1	8	2	1	2	5	9	5	1	7	4	1	9
		3.1	2.7	2.4	2.3	2.2	2.1	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.7
84	3.95	1	1	8	2	1	2	5	9	5	0	7	4	1	9
		3.1	2.7	2.4	2.3	2.2	2.1	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.7
85	3.95	0	1	8	2	1	2	5	9	4	0	7	4	1	9
		3.1	2.7	2.4	2.3	2.2	2.1	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.7
86	3.95	0	1	8	2	1	2	5	9	4	0	7	4	1	8
		3.1	2.7	2.4	2.3	2.2	2.1	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.7
87	3.95	0	1	8	2	0	2	5	9	4	0	7	3	1	8
		3.1	2.7	2.4	2.3	2.2	2.1	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.7
88	3.95	0	1	8	2	0	2	5	9	4	0	6	3	1	8
		3.1	2.7	2.4	2.3	2.2	2.1	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.7
89	3.95	0	1	7	2	0	1	4	9	4	0	6	3	0	8
		3.1	2.7	2.4	2.3	2.2	2.1	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.7
90	3.95	0	1	7	2	0	1	4	9	4	0	6	3	0	8