Lampiran 1

Instrumen Uji Coba Konsep Diri

NAMA :

NO. ABSEN :

KELAS :

SEKOLAH :

Petunjuk Pengisian

1. Isilah identitas Anda (nama, no. absen, kelas, dan nama sekolah).
2. bacalah pernyataan-pernyataan berikut dengan cermat.
3. pilihlah jawaban yang sesuai dengan diri Anda dan dengan jujur serta jangan terpengaruh pada jawaban teman Anda.
4. Isilah dengan lengkap dan usahakan jangan sampai ada nomor yang terlewatkan.
5. Jawaban Anda tidak ada yang salah dan tidak akan mempengaruhi nilai pelajaran Anda.
6. Berilah tanda (✓) pada salah satu pilihan yang sesuai (cocok) dengan diri Anda pada kolom dalam tabel di bawah ini.

Keterangan:

SS : bila Anda **SANGAT SETUJU** dengan pernyataan
S : bila Anda **SETUJU** dengan pernyataan
TS : bila Anda **TIDAK SETUJU** dengan pernyataan
STS : bila Anda **SANGAT TIDAK SETUJU** dengan pernyataan

Contoh Jawaban

NO.	PERNYATAAN	JAWABAN			
		SS	S	TS	STS
1.	Saya merasa mampu melakukan segala tindakan	✓			

NO.	PERNYATAAN	JAWABAN			
		SS	S	TS	STS
1.	Saya merasa mampu melakukan segala tindakan				
2.	Saya merasa pekerjaan yang saya kerjakan selalu berhasil				
3.	Saya merasa mampu mengatasi masalah yang saya hadapi				
4.	Saya puas terhadap keadaan tubuh saya				
5.	Saya memiliki perasaan yang positif				
6.	Saya memikirkan diri saya sebagai seseorang yang positif				
7.	Saya mengetahui kekuatan dan kelemahan fisik saya				
8.	Saya mampu berkonsentrasi dalam jangka waktu yang lama				
9.	Saya tidak dapat bekerja dalam keadaan bising				
10.	Saya memiliki status sosial yang tinggi				
11.	Saya mampu memulai interaksi terlebih dahulu dengan orang lain				
12.	Saya membutuhkan teman sepergaulan				
13.	Saya mampu menghormati orang lain sehingga saya juga dihormati				
14.	Saya mampu menerima teman baru sehingga saya juga mudah diterima oleh orang lain				
15.	Saya mampu menerima keadaan lingkungan saya sehingga saya dapat diterima di lingkungan tersebut				

16.	Saya sadar akan kecerdasan yang saya miliki				
17.	Saya percaya terhadap kemampuan saya dalam melakukan suatu hal				
18.	Saya harus mencapai target yang sudah ditentukan dalam melakukan suatu hal				
19.	Saya puas terhadap kemampuan yang saya miliki				
20.	Saya puas ketika mencoba hal-hal yang baru				
21.	Saya memiliki sikap yang optimis				

Lampiran 2

Uji Validitas Instrumen Konsep Diri

No. Responden	Nomor Butir Kuesioner Instrumen Konsep Diri																					Skor Tota
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
1	4	3	4	3	4	3	2	3	4	4	2	2	4	4	4	4	3	4	3	4	3	71
2	3	3	3	4	3	3	4	3	4	3	2	4	3	4	3	3	4	3	4	4	3	70
3	3	3	4	4	4	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	77
4	4	3	4	4	3	3	4	2	3	4	4	4	4	4	4	4	4	4	3	4	4	77
5	4	3	4	3	3	4	4	4	4	3	3	4	3	4	2	4	3	4	3	3	4	73
6	3	2	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	63
7	4	4	3	2	1	1	1	3	2	1	2	3	4	2	4	3	1	3	4	2	1	51
8	4	3	3	4	3	3	4	3	4	3	3	4	4	4	4	4	3	4	3	3	3	73
9	3	3	3	4	3	4	4	3	3	3	2	2	4	3	4	4	3	3	4	3	3	68
10	3	2	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	2	3	62
11	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	65
12	3	4	3	4	3	3	3	2	2	3	2	4	4	3	4	3	3	4	4	4	4	69
13	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	68
14	3	3	4	3	3	3	3	3	2	3	3	4	4	4	3	3	3	3	3	3	3	66
15	2	2	2	3	2	3	4	2	3	2	3	2	4	4	4	3	3	3	4	3	3	61
16	3	4	4	4	4	4	3	3	4	4	4	3	4	3	3	3	3	4	4	3	3	74
17	4	3	4	3	4	3	2	3	2	3	3	3	4	4	4	4	3	4	3	4	3	70
18	4	3	4	3	4	3	2	3	4	3	3	4	4	4	3	3	3	4	3	3	4	71
19	3	3	3	3	4	4	3	2	4	3	3	3	4	3	3	3	3	3	4	4	3	68
20	4	3	3	4	3	3	4	3	3	3	4	3	4	3	3	4	3	4	3	4	3	71
21	4	3	4	4	4	3	4	2	4	3	2	4	3	3	3	4	4	4	4	3	3	72
22	3	2	2	3	3	3	4	3	4	2	3	4	3	3	4	3	4	4	3	3	2	65
23	4	3	3	3	3	2	3	4	2	3	4	2	4	4	2	3	4	3	4	3	3	66
24	4	3	3	4	4	3	3	2	4	3	3	4	3	3	4	3	3	4	3	3	4	70
25	3	3	4	4	3	3	4	2	4	4	3	4	4	4	4	3	3	4	4	4	3	74
26	3	3	3	3	4	2	3	2	4	3	3	4	4	4	3	4	4	3	3	3	4	69
27	3	3	3	3	3	3	3	2	4	3	2	4	3	3	3	4	3	4	4	4	4	68
28	4	4	3	3	4	4	3	3	2	3	4	3	4	4	4	3	4	3	4	3	4	73
29	4	3	3	4	4	3	3	3	2	3	3	2	4	3	3	3	3	3	4	4	2	66
30	3	3	4	3	4	3	4	3	4	3	3	3	4	3	3	3	3	4	3	4	3	70

31	4	3	3	4	4	4	4	3	3	3	4	1	4	4	3	4	3	4	4	4	3	73
32	3	3	4	4	4	4	3	2	3	3	3	4	4	4	4	4	3	3	3	4	4	73
33	3	3	3	3	3	3	3	3	4	3	3	4	3	3	3	3	4	4	3	2	3	66
34	4	3	4	4	4	2	4	2	1	2	4	4	4	4	4	2	3	4	4	3	3	69
35	3	2	3	4	4	3	3	3	4	4	3	3	4	4	4	3	3	2	4	4	4	71
36	3	2	3	3	3	2	4	2	4	3	3	2	2	2	3	3	3	3	4	3	3	60
37	4	2	3	3	2	1	4	3	3	4	4	3	4	4	3	2	3	3	2	3	4	64
38	2	4	4	3	2	3	2	4	2	3	4	3	2	1	2	4	3	4	4	3	2	61
39	4	3	3	4	4	4	4	3	4	2	4	4	4	4	4	4	3	4	3	3	4	76
40	3	3	3	4	3	3	4	4	4	3	3	4	4	3	4	4	4	3	3	3	3	72
41	3	2	2	4	4	4	3	1	4	3	2	1	1	3	4	4	4	4	4	4	3	64
42	3	2	4	3	4	4	3	3	3	2	3	2	4	4	3	3	3	3	3	4	3	66
43	3	2	3	2	3	3	4	1	1	3	3	4	3	4	4	2	3	3	4	4	2	61
44	3	3	3	4	4	3	4	2	2	4	3	4	4	4	3	3	2	2	4	3	3	67
45	4	4	4	4	4	4	2	2	4	3	3	4	4	4	4	3	3	3	3	3	3	72
46	3	3	3	4	4	3	3	2	4	2	4	3	4	4	2	3	2	4	3	2	3	65
47	3	2	4	4	3	2	4	3	3	2	2	4	4	3	3	3	3	4	4	3	4	67
48	3	2	4	4	3	4	4	1	2	4	4	4	4	4	2	4	3	4	4	2	4	70
49	3	3	4	3	3	2	2	3	4	3	3	4	3	3	3	3	4	4	3	3	3	66
50	3	3	3	4	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	78
51	4	4	4	3	4	4	3	4	3	4	3	4	4	3	4	3	4	4	3	4	4	77
52	4	4	4	4	3	4	3	4	4	3	4	3	4	4	4	4	4	4	3	4	3	78
53	3	3	4	4	4	4	3	3	3	3	3	4	4	4	3	4	4	4	4	3	4	75
54	3	3	3	4	3	3	4	3	3	3	3	4	3	3	4	4	3	3	4	4	4	71
55	3	3	3	3	4	4	4	3	4	3	4	3	4	4	4	3	4	3	4	3	4	74
Jumlah	183	160	184	192	186	173	181	150	176	165	171	183	199	193	186	185	179	194	194	183	180	
r Hitung	0.31	0.33	0.41	0.56	0.59	0.6	0.28	0.19	0.3	0.43	0.29	0.33	0.41	0.44	0.27	0.44	0.5	0.36	-0.1	0.41	0.62	
r Tabel	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	
Status	valid	valid	valid	valid	valid	valid	valid	drop	valid	valid	valid	valid	valid	valid	valid	valid	valid	valid	drop	valid	valid	

Lampiran 3

Uji Reliabilitas Instrumen Konsep Diri

No. Responden	Nomor Butir Kuesioner Instrumen Konsep Diri																					Skor Total	Kuadrat Skor
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
1	4	3	4	3	4	3	2	3	4	4	2	2	4	4	4	4	3	4	3	4	3	71	5041
2	3	3	3	4	3	3	4	3	4	3	2	4	3	4	3	3	4	3	4	4	3	70	4900
3	3	3	4	4	4	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	77	5929
4	4	3	4	4	3	3	4	2	3	4	4	4	4	4	4	4	4	4	3	4	4	77	5929
5	4	3	4	3	3	4	4	4	4	3	3	4	3	4	2	4	3	4	3	3	4	73	5329
6	3	2	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	63	3969
7	4	4	3	2	1	1	1	3	2	1	2	3	4	2	4	3	1	3	4	2	1	51	2601
8	4	3	3	4	3	3	4	3	4	3	3	4	4	4	4	4	3	4	3	3	3	73	5329
9	3	3	3	4	3	4	4	3	3	3	2	2	4	3	4	4	3	3	4	3	3	68	4624
10	3	2	3	3	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	2	3	62	3844
11	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	3	3	65	4225
12	3	4	3	4	3	3	3	2	2	3	2	4	4	3	4	3	3	4	4	4	4	69	4761
13	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	68	4624
14	3	3	4	3	3	3	3	3	2	3	3	4	4	4	3	3	3	3	3	3	3	66	4356
15	2	2	2	3	2	3	4	2	3	2	3	2	4	4	4	3	3	3	4	3	3	61	3721
16	3	4	4	4	4	4	3	3	4	4	4	3	4	3	3	3	3	4	4	3	3	74	5476
17	4	3	4	3	4	3	2	3	2	3	3	3	4	4	4	4	3	4	3	4	3	70	4900
18	4	3	4	3	4	3	2	3	4	3	3	4	4	4	3	3	3	4	3	3	4	71	5041
19	3	3	3	3	4	4	3	2	4	3	3	3	4	3	3	3	3	3	4	4	3	68	4624
20	4	3	3	4	3	3	4	3	3	3	4	3	4	3	3	4	3	4	3	4	3	71	5041
21	4	3	4	4	4	3	4	2	4	3	2	4	3	3	3	4	4	4	4	3	3	72	5184
22	3	2	2	3	3	3	4	3	4	2	3	4	3	3	4	3	4	4	3	3	2	65	4225
23	4	3	3	3	3	2	3	4	2	3	4	2	4	4	2	3	4	3	4	3	3	66	4356
24	4	3	3	4	4	3	3	2	4	3	3	4	3	3	4	3	3	4	3	3	4	70	4900
25	3	3	4	4	3	3	4	2	4	4	3	4	4	4	4	3	3	4	4	4	3	74	5476
26	3	3	3	3	4	2	3	2	4	3	3	4	4	4	3	4	4	3	3	3	4	69	4761
27	3	3	3	3	3	3	3	2	4	3	2	4	3	3	3	4	3	4	4	4	4	68	4624
28	4	4	3	3	4	4	3	3	2	3	4	3	4	4	4	3	4	3	4	3	4	73	5329
29	4	3	3	4	4	3	3	3	2	3	3	2	4	3	3	3	3	3	4	4	2	66	4356
30	3	3	4	3	4	3	4	3	4	3	3	3	4	3	3	3	3	4	3	4	3	70	4900
31	4	3	3	4	4	4	4	3	3	3	4	1	4	4	3	4	3	4	4	4	3	73	5329
32	3	3	4	4	4	4	3	2	3	3	3	4	4	4	4	4	3	3	3	4	4	73	5329

33	3	3	3	3	3	3	3	3	4	3	3	4	3	3	3	3	4	4	3	2	3	66	4356
34	4	3	4	4	4	2	4	2	1	2	4	4	4	4	4	2	3	4	4	3	3	69	4761
35	3	2	3	4	4	3	3	3	4	4	3	3	4	4	4	3	3	2	4	4	4	71	5041
36	3	2	3	3	3	2	4	2	4	3	3	2	2	2	3	3	3	3	4	3	3	60	3600
37	4	2	3	3	2	1	4	3	3	4	4	3	4	4	3	2	3	3	2	3	4	64	4096
38	2	4	4	3	2	3	2	4	2	3	4	3	2	1	2	4	3	4	4	3	2	61	3721
39	4	3	3	4	4	4	4	3	4	2	4	4	4	4	4	4	3	4	3	3	4	76	5776
40	3	3	3	4	3	3	4	4	4	3	3	4	4	3	4	4	4	3	3	3	3	72	5184
41	3	2	2	4	4	4	3	1	4	3	2	1	1	3	4	4	4	4	4	4	3	64	4096
42	3	2	4	3	4	4	3	3	3	2	3	2	4	4	3	3	3	3	3	4	3	66	4356
43	3	2	3	2	3	3	4	1	1	3	3	4	3	4	4	2	3	3	4	4	2	61	3721
44	3	3	3	4	4	3	4	2	2	4	3	4	4	4	3	3	2	2	4	3	3	67	4489
45	4	4	4	4	4	4	2	2	4	3	3	4	4	4	4	3	3	3	3	3	3	72	5184
46	3	3	3	4	4	3	3	2	4	2	4	3	4	4	2	3	2	4	3	2	3	65	4225
47	3	2	4	4	3	2	4	3	3	2	2	4	4	3	3	3	3	4	4	3	4	67	4489
48	3	2	4	4	3	4	4	1	2	4	4	4	4	4	2	4	3	4	4	2	4	70	4900
49	3	3	4	3	3	2	2	3	4	3	3	4	3	3	3	3	4	4	3	3	3	66	4356
50	3	3	3	4	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	78	6084
51	4	4	4	3	4	4	3	4	3	4	3	4	4	3	4	3	4	4	3	4	4	77	5929
52	4	4	4	4	3	4	3	4	4	3	4	3	4	4	4	4	4	4	3	4	3	78	6084
53	3	3	4	4	4	4	3	3	3	3	3	4	4	4	3	4	4	4	4	3	4	75	5625
54	3	3	3	4	3	3	4	3	3	3	3	4	3	3	4	4	3	3	4	4	4	71	5041
55	3	3	3	3	4	4	4	3	4	3	4	3	4	4	4	3	4	3	4	3	4	74	5476
Jumlah	183	160	184	192	186	173	181	150	176	165	171	183	199	193	186	185	179	194	194	183	180		
k	21																						
Jumlah Kuadrat	625	486	634	688	654	575	625	438	604	515	555	647	743	701	652	641	603	702	700	631	614		
Varian Butir	0.3	0.38	0.34	0.33	0.46	0.57	0.54	0.54	0.76	0.37	0.43	0.71	0.43	0.44	0.43	0.35	0.38	0.33	0.29	0.41	0.46		
Jumlah Varian B	9.230976431																						
Total Varian	3797																						
r	1.04744732																						
Kesimpulan	Realibilitas Sangat Tinggi																						

Lampiran 4

Instrumen Final Konsep Diri

NAMA :

NO. ABSEN :

KELAS :

SEKOLAH :

Petunjuk Pengisian

1. Isilah identitas Anda (nama, no. absen, kelas, dan nama sekolah).
2. Bacalah pernyataan-pernyataan berikut dengan cermat.
3. Pilihlah jawaban yang sesuai dengan diri Anda dan dengan jujur serta jangan terpengaruh pada jawaban teman Anda.
4. Isilah dengan lengkap dan usahakan jangan sampai ada nomor yang terlewatkan.
5. Jawaban Anda tidak ada yang salah dan tidak akan mempengaruhi nilai pelajaran Anda.
6. Berilah tanda (✓) pada salah satu pilihan yang sesuai (cocok) dengan diri Anda pada kolom dalam tabel di bawah ini.

Keterangan:

SS : bila Anda **SANGAT SETUJU** dengan pernyataan

S : bila Anda **SETUJU** dengan pernyataan

TS : bila Anda **TIDAK SETUJU** dengan pernyataan

STS : bila Anda **SANGAT TIDAK SETUJU** dengan pernyataan

Contoh Jawaban

NO.	PERNYATAAN	JAWABAN			
		SS	S	TS	STS
1.	Saya merasa mampu melakukan segala tindakan	✓			

NO.	PERNYATAAN	JAWABAN			
		SS	S	TS	STS
1.	Saya merasa mampu melakukan segala tindakan				
2.	Saya merasa pekerjaan yang saya kerjakan selalu berhasil				
3.	Saya merasa mampu mengatasi masalah yang saya hadapi				
4.	Saya puas terhadap keadaan tubuh saya				
5.	Saya memiliki perasaan yang positif				
6.	Saya memikirkan diri saya sebagai seseorang yang positif				
7.	Saya mengetahui kekuatan dan kelemahan fisik saya				
8.	Saya tidak dapat bekerja dalam keadaan bising				
9.	Saya memiliki status sosial yang tinggi				
10.	Saya mampu memulai interaksi terlebih dahulu dengan orang lain				
11.	Saya membutuhkan teman sepergaulan				
12.	Saya mampu menghormati orang lain sehingga saya juga dihormati				
13.	Saya mampu menerima teman baru sehingga saya juga mudah diterima oleh orang lain				
14.	Saya mampu menerima keadaan lingkungan saya sehingga saya dapat diterima di lingkungan tersebut				
15.	Saya sadar akan kecerdasan yang saya miliki				
16.	Saya percaya terhadap kemampuan saya dalam melakukan suatu hal				
17.	Saya harus mencapai target yang sudah ditentukan dalam melakukan suatu hal				
18.	Saya puas ketika mencoba hal-hal yang baru				

19.	Saya memiliki sikap yang optimis				

Lampiran 5

Instrumen Uji Coba Kompetensi Sosial

NAMA :

NO. ABSEN :

KELAS :

SEKOLAH :

Petunjuk Pengisian

1. Isilah identitas Anda (nama, no. absen, kelas, dan nama sekolah).
2. bacalah pernyataan-pernyataan berikut dengan cermat.
3. pilihlah jawaban yang sesuai dengan diri Anda dan dengan jujur serta jangan terpengaruh pada jawaban teman Anda.
4. Isilah dengan lengkap dan usahakan jangan sampai ada nomor yang terlewatkan.
5. Jawaban Anda tidak ada yang salah dan tidak akan mempengaruhi nilai pelajaran Anda.
6. Berilah tanda (✓) pada salah satu pilihan yang sesuai (cocok) dengan diri Anda pada kolom dalam tabel di bawah ini.

Keterangan:

SS : bila Anda **SANGAT SETUJU** dengan pernyataan

S : bila Anda **SETUJU** dengan pernyataan

TS : bila Anda **TIDAK SETUJU** dengan pernyataan

STS : bila Anda **SANGAT TIDAK SETUJU** dengan pernyataan

Contoh Jawaban

NO.	PERNYATAAN	JAWABAN

		SS	S	TS	STS
1.	Saya mampu bekerjasama untuk mencapai suatu tujuan	✓			

NO.	PERNYATAAN	JAWABAN			
		SS	S	TS	STS
1.	Saya mampu bekerjasama untuk mencapai suatu tujuan				
2.	Saya dan teman-teman dapat menyelesaikan masalah bersama				
3.	Saya mampu saling mendukung antar sesama teman				
4.	Saya dan teman-teman saling percaya				
5.	Saya memiliki keinginan untuk membantu orang lain				
6.	Saya bersedia membantu orang lain yang mengalami kesulitan				
7.	Saya mampu melakukan kegiatan bersama dengan teman untuk mencapai suatu hal				
8.	Saya bersama teman membereskan ruang kelas yang kotor				
9.	Saya memiliki hubungan yang saling menguntungkan dengan orang lain				
10	Saya dan teman saling menutupi kelemahan masing-masing				
11.	Saya mampu melakukan komunikasi dua arah dengan orang lain				
12.	Saya menghargai perbedaan pendapat				
13.	Saya mampu menyesuaikan diri dengan orang lain				
14.	Saya menghargai kemampuan orang lain				
15.	Tindakan yang saya lakukan dapat dipengaruhi oleh orang lain				
16.	Saya meminta pendapat teman ketika mengalami kesulitan				
17.	Saya akan membalas bantuan yang sudah diberikan				
18.	Saya memberikan bantuan kepada teman yang membutuhkan				
19.	Saya membalas kasih sayang yang sudah diberikan orang lain				

20.	Saya memberikan senyuman ketika teman menyapa				
21.	Saya akan membalas dukungan yang diberikan				
22.	Saya mengucapkan terimakasih atas bantuan yang saya terima				
23.	Saya mampu mengatasi tekanan dari teman saya untuk melakukan sesuatu yang tidak saya sukai				
24.	Saya bersikap apa adanya dihapadan teman-teman				

Lampiran 6

Uji Validitas Instrumen Kompetensi Sosial

No. Responden	Nomor Butir Kuesioner Instrumen Kompetensi Sosial																								Skor Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	4	3	3	3	3	3	3	3	3	2	2	4	2	4	3	4	4	4	4	4	3	3	2	4	77
2	4	4	4	3	4	4	3	2	3	4	3	4	3	3	2	4	4	4	3	4	4	4	3	4	84
3	4	4	4	3	4	4	4	3	3	3	4	4	4	4	3	3	4	3	3	4	4	4	3	4	87
4	4	4	4	4	4	4	4	3	4	3	4	4	3	4	4	3	4	4	4	4	4	4	3	4	91
5	3	4	4	4	3	3	4	3	4	4	3	3	4	4	3	4	3	3	3	3	4	3	3	3	82
6	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	71
7	3	4	3	4	3	4	3	4	3	2	2	3	4	2	4	3	4	3	4	3	4	3	4	3	79
8	3	4	4	3	3	4	4	4	3	3	4	4	4	4	3	3	4	2	4	4	4	4	3	3	85
9	2	3	3	4	4	4	3	3	2	3	3	3	2	4	2	3	4	4	4	4	4	4	3	4	79
10	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	71
11	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	73
12	4	4	3	4	4	4	3	3	4	3	2	4	3	4	4	4	3	4	3	4	3	4	3	4	85
13	4	4	4	4	4	4	4	4	4	4	4	3	3	3	4	3	4	3	4	3	4	3	4	3	88
14	4	4	3	3	4	4	3	4	2	3	2	3	2	3	3	3	3	4	3	3	3	3	2	3	74
15	2	4	3	4	4	3	2	4	2	4	3	4	2	4	2	4	3	4	3	4	3	4	2	4	78
16	4	4	3	3	4	3	4	4	3	3	4	3	3	3	3	4	4	3	3	4	4	4	2	4	83
17	4	4	4	3	4	3	3	3	3	4	4	4	3	3	4	3	4	4	3	3	4	4	3	3	84
18	3	3	4	3	3	4	3	3	2	2	3	3	3	4	3	4	3	4	3	3	3	4	3	2	75
19	4	4	4	4	3	4	3	3	3	4	4	4	3	3	3	3	3	3	4	3	4	4	3	4	84
20	3	3	3	3	3	3	3	3	3	4	2	3	3	3	4	2	3	3	3	3	3	3	3	3	72
21	4	3	3	3	3	2	3	3	2	4	2	4	3	4	3	3	3	2	3	4	3	3	2	4	73
22	3	3	3	4	3	3	4	4	2	2	2	3	3	3	3	4	3	4	4	4	4	4	2	3	77
23	3	4	4	4	4	4	3	3	3	3	2	4	2	2	3	4	3	4	4	4	4	4	2	3	80
24	4	3	3	3	3	3	4	4	3	3	3	4	3	3	2	3	4	4	3	4	3	3	3	3	78
25	4	3	3	4	3	3	4	4	2	2	3	3	2	3	3	4	3	3	2	3	3	3	3	3	73
26	4	4	4	4	3	4	3	4	3	3	3	3	4	2	4	3	4	3	4	3	4	3	4	4	84
27	4	4	4	3	3	4	4	3	4	4	3	4	4	4	3	4	3	3	3	3	4	3	3	3	84
28	4	4	4	3	3	4	3	4	3	3	2	3	3	3	2	3	4	4	3	4	4	4	3	4	81
29	4	4	4	2	4	3	4	2	3	3	3	3	3	3	2	4	4	3	4	4	3	4	3	4	80
30	4	4	4	4	3	4	4	4	3	4	3	4	3	4	3	3	4	4	3	4	4	4	3	3	87
31	4	4	3	4	4	4	3	3	2	2	3	2	4	3	1	2	4	4	4	4	4	4	3	4	79

32	4	4	4	4	4	4	4	4	3	3	2	4	4	4	3	4	4	4	4	4	4	4	2	4	89
33	4	4	3	3	3	3	3	3	2	3	3	3	2	2	2	3	3	3	3	3	3	3	2	2	68
34	4	3	4	4	4	4	3	4	3	3	2	3	3	3	3	3	4	4	4	4	4	4	2	4	83
35	4	4	4	3	4	4	3	4	3	2	3	4	3	4	3	4	4	4	4	4	4	4	2	3	85
36	4	4	4	3	3	3	4	3	4	2	3	4	3	3	2	4	3	3	4	3	3	4	3	4	80
37	4	3	3	4	3	3	4	3	2	2	1	3	4	3	2	3	4	3	3	4	3	4	3	3	74
38	4	4	3	2	4	4	3	4	3	4	4	4	2	4	3	4	4	4	3	4	4	4	1	4	84
39	3	3	3	3	3	3	3	3	3	3	3	4	3	4	3	3	4	3	4	4	4	4	3	4	80
40	4	4	4	2	4	3	3	3	3	3	3	4	4	3	3	4	4	4	4	4	3	4	2	4	83
41	3	3	3	3	3	4	2	3	3	4	3	3	3	3	1	1	4	4	4	2	4	4	3	3	73
42	4	4	3	2	3	4	3	4	3	3	3	4	3	4	3	3	3	4	3	3	3	4	3	3	79
43	3	3	3	3	4	4	4	3	3	4	3	4	3	3	2	4	3	3	3	3	3	3	2	4	77
44	3	4	3	3	4	4	2	2	4	2	4	3	4	4	4	4	3	3	4	3	4	3	1	1	76
45	4	4	4	3	3	4	3	4	3	4	3	3	3	3	3	4	4	3	4	4	3	4	3	4	84
46	4	4	4	3	4	4	4	4	2	4	2	3	3	2	2	3	4	4	4	4	3	4	3	2	80
47	4	4	4	4	4	4	3	4	3	2	3	4	3	3	3	4	4	4	4	3	3	3	3	4	84
48	4	4	4	4	4	4	4	3	3	4	3	4	3	3	4	3	4	3	4	3	2	4	1	2	81
49	4	3	4	3	4	4	3	3	4	3	3	3	3	4	2	2	3	3	3	4	3	3	2	3	76
50	4	3	3	2	4	4	4	4	3	3	3	4	3	3	4	4	3	4	3	4	4	4	2	3	82
51	4	4	4	3	3	4	4	3	4	3	3	4	4	3	3	3	4	3	4	4	3	3	3	4	84
52	3	3	3	3	4	3	3	3	4	3	4	4	3	3	4	4	3	3	4	4	4	4	3	2	81
53	3	3	4	3	4	4	3	4	3	3	3	4	4	4	3	3	4	4	4	4	4	4	3	4	86
54	3	4	3	2	3	3	4	3	4	3	3	4	3	3	3	3	4	3	3	4	3	4	3	2	77
55	4	3	4	3	4	3	4	3	4	3	4	3	4	3	3	3	3	4	4	3	4	3	4	3	83
Jumlah	200	199	193	178	193	197	184	184	166	170	160	193	171	180	160	183	196	190	192	196	193	199	148	182	
r Hitung	0.3	0.51	0.65	0.17	0.42	0.49	0.33	0.25	0.43	0.18	0.43	0.45	0.35	0.26	0.31	0.26	0.5	0.25	0.39	0.37	0.51	0.41	0.15	0.4	
r Tabel	0.3	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	
Status	valid	valid	valid	drop	valid	valid	valid	drop	valid	drop	valid	valid	valid	drop	valid	drop	valid	drop	valid	valid	valid	valid	drop	valid	

Lampiran 7

Uji Reliabilitas Instrumen Kompetensi Sosial

No. Responden	Nomor Butir Kuesioner Instrumen Kompetensi Sosial																								Skor Total	Kuadrat
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
1	4	3	3	3	3	3	3	3	3	2	2	4	2	4	3	4	4	4	4	4	3	3	2	4	77	5929
2	4	4	4	3	4	4	3	2	3	4	3	4	3	3	2	4	4	4	3	4	4	4	3	4	84	7056
3	4	4	4	3	4	4	4	3	3	3	4	4	4	4	3	3	4	3	3	4	4	4	3	4	87	7569
4	4	4	4	4	4	4	4	3	4	3	4	4	3	4	4	3	4	4	4	4	4	4	3	4	91	8281
5	3	4	4	4	3	3	4	3	4	4	3	3	4	4	3	4	3	3	3	3	4	3	3	3	82	6724
6	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	71	5041
7	3	4	3	4	3	4	3	4	3	2	2	3	4	2	4	3	4	3	4	3	4	3	4	3	79	6241
8	3	4	4	3	3	4	4	4	3	3	4	4	4	4	3	3	4	2	4	4	4	4	3	3	85	7225
9	2	3	3	4	4	4	3	3	2	3	3	3	2	4	2	3	4	4	4	4	4	4	3	4	79	6241
10	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	71	5041
11	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	73	5329
12	4	4	3	4	4	4	3	3	4	3	2	4	3	4	4	4	3	4	3	4	3	4	3	4	85	7225
13	4	4	4	4	4	4	4	4	4	4	4	3	3	3	4	3	4	3	4	3	4	3	4	3	88	7744
14	4	4	3	3	4	4	3	4	2	3	2	3	2	3	3	3	3	4	3	3	3	3	2	3	74	5476
15	2	4	3	4	4	3	2	4	2	4	3	4	2	4	2	4	3	4	3	4	3	4	2	4	78	6084
16	4	4	3	3	4	3	4	4	3	3	4	3	3	3	3	4	4	3	3	4	4	4	2	4	83	6889
17	4	4	4	3	4	3	3	3	3	4	4	4	3	3	4	3	4	4	3	3	4	4	3	3	84	7056
18	3	3	4	3	3	4	3	3	2	2	3	3	3	4	3	4	3	4	3	3	3	4	3	2	75	5625
19	4	4	4	4	3	4	3	3	3	4	4	4	3	3	3	3	3	3	4	3	4	4	3	4	84	7056
20	3	3	3	3	3	3	3	3	3	4	2	3	3	3	4	2	3	3	3	3	3	3	3	3	72	5184
21	4	3	3	3	3	2	3	3	2	4	2	4	3	4	3	3	3	2	3	4	3	3	2	4	73	5329
22	3	3	3	4	3	3	4	4	2	2	2	3	3	3	3	4	3	4	4	4	4	4	2	3	77	5929
23	3	4	4	4	4	4	3	3	3	3	2	4	2	2	3	4	3	4	4	4	4	4	2	3	80	6400
24	4	3	3	3	3	3	4	4	3	3	3	4	3	3	2	3	4	4	3	4	3	3	3	3	78	6084
25	4	3	3	4	3	3	4	4	2	2	3	3	2	3	3	4	3	3	2	3	3	3	3	3	73	5329
26	4	4	4	4	3	4	3	4	3	3	3	3	4	2	4	3	4	3	4	3	4	3	4	4	84	7056
27	4	4	4	3	3	4	4	3	4	4	3	4	4	4	3	4	3	3	3	3	4	3	3	3	84	7056
28	4	4	4	3	3	4	3	4	3	3	2	3	3	3	2	3	4	4	3	4	4	4	3	4	81	6561
29	4	4	4	2	4	3	4	2	3	3	3	3	3	3	2	4	4	3	4	4	3	4	3	4	80	6400
30	4	4	4	4	3	4	4	4	3	4	3	4	3	4	3	3	4	4	3	4	4	4	3	3	87	7569
31	4	4	3	4	4	4	3	3	2	2	3	2	4	3	1	2	4	4	4	4	4	4	3	4	79	6241

32	4	4	4	4	4	4	4	4	3	3	2	4	4	4	3	4	4	4	4	4	4	4	2	4	89	7921
33	4	4	3	3	3	3	3	3	2	3	3	3	2	2	2	3	3	3	3	3	3	3	2	2	68	4624
34	4	3	4	4	4	4	3	4	3	3	2	3	3	3	3	3	4	4	4	4	4	4	2	4	83	6889
35	4	4	4	3	4	4	3	4	3	2	3	4	3	4	3	4	4	4	4	4	4	4	2	3	85	7225
36	4	4	4	3	3	3	4	3	4	2	3	4	3	3	2	4	3	3	4	3	3	4	3	4	80	6400
37	4	3	3	4	3	3	4	3	2	2	1	3	4	3	2	3	4	3	3	4	3	4	3	3	74	5476
38	4	4	3	2	4	4	3	4	3	4	4	4	2	4	3	4	4	4	3	4	4	4	1	4	84	7056
39	3	3	3	3	3	3	3	3	3	3	3	4	3	4	3	3	4	3	4	4	4	4	3	4	80	6400
40	4	4	4	2	4	3	3	3	3	3	3	4	4	3	3	4	4	4	4	4	3	4	2	4	83	6889
41	3	3	3	3	3	4	2	3	3	4	3	3	3	3	1	1	4	4	4	2	4	4	3	3	73	5329
42	4	4	3	2	3	4	3	4	3	3	3	4	3	4	3	3	3	4	3	3	3	4	3	3	79	6241
43	3	3	3	3	4	4	4	3	3	4	3	4	3	3	2	4	3	3	3	3	3	3	2	4	77	5929
44	3	4	3	3	4	4	2	2	4	2	4	3	4	4	4	4	3	3	4	3	4	3	1	1	76	5776
45	4	4	4	3	3	4	3	4	3	4	3	3	3	3	3	4	4	3	4	4	3	4	3	4	84	7056
46	4	4	4	3	4	4	4	4	2	4	2	3	3	2	2	3	4	4	4	4	3	4	3	2	80	6400
47	4	4	4	4	4	4	3	4	3	2	3	4	3	3	3	4	4	4	4	3	3	3	3	4	84	7056
48	4	4	4	4	4	4	4	3	3	4	3	4	3	3	4	3	4	3	4	3	2	4	1	2	81	6561
49	4	3	4	3	4	4	3	3	4	3	3	3	3	4	2	2	3	3	3	4	3	3	2	3	76	5776
50	4	3	3	2	4	4	4	4	3	3	3	4	3	3	4	4	3	4	3	4	4	4	2	3	82	6724
51	4	4	4	3	3	4	4	3	4	3	3	4	4	3	3	3	4	3	4	4	3	3	3	4	84	7056
52	3	3	3	3	4	3	3	3	4	3	4	4	3	3	4	4	3	3	4	4	4	4	3	2	81	6561
53	3	3	4	3	4	4	3	4	3	3	3	4	4	4	3	3	4	4	4	4	4	4	3	4	86	7396
54	3	4	3	2	3	3	4	3	4	3	3	4	3	3	3	3	4	3	3	4	3	4	3	2	77	5929
55	4	3	4	3	4	3	4	3	4	3	4	3	4	3	3	3	3	4	4	3	4	3	4	3	83	6889
Jumlah	200	199	193	178	193	197	184	184	166	170	160	193	171	180	160	183	196	190	192	196	193	199	148	182		
k	24																									
Jumlah Kuadrat	744	733	691	598	691	721	634	634	524	552	494	693	553	610	496	633	712	674	686	714	693	733	424	632		
Varian Butir	0.3098	0.2404	0.2545	0.4061	0.2545	0.2848	0.3414	0.3414	0.4256	0.4916	0.5286	0.2916	0.3953	0.3872	0.5657	0.4465	0.2505	0.3266	0.2916	0.2875	0.2916	0.2404	0.4768	0.5508		
Jumlah Varian Buti	8.680808081																									
Total Varian	354529																									
r	1.043452711																									
Kesimpulan	Realibilitas Sangat Tinggi																									

Lampiran 8

Instrumen Final Kompetensi Sosial

NAMA :

NO. ABSEN :

KELAS :

SEKOLAH :

Petunjuk Pengisian

1. Isilah identitas Anda (nama, no. absen, kelas, dan nama sekolah).
2. bacalah pernyataan-pernyataan berikut dengan cermat.
3. pilihlah jawaban yang sesuai dengan diri Anda dan dengan jujur serta jangan terpengaruh pada jawaban teman Anda.
4. Isilah dengan lengkap dan usahakan jangan sampai ada nomor yang terlewatkan.
5. Jawaban Anda tidak ada yang salah dan tidak akan mempengaruhi nilai pelajaran Anda.
6. Berilah tanda (✓) pada salah satu pilihan yang sesuai (cocok) dengan diri Anda pada kolom dalam tabel di bawah ini.

Keterangan:

SS : bila Anda **SANGAT SETUJU** dengan pernyataan

S : bila Anda **SETUJU** dengan pernyataan

TS : bila Anda **TIDAK SETUJU** dengan pernyataan

STS : bila Anda **SANGAT TIDAK SETUJU** dengan pernyataan

Contoh Jawaban

NO.	PERNYATAAN	JAWABAN			
		SS	S	TS	STS
1.	Saya mampu bekerjasama untuk mencapai suatu tujuan	✓			

NO.	PERNYATAAN	JAWABAN			
		SS	S	TS	STS
1.	Saya mampu bekerjasama untuk mencapai suatu tujuan				
2.	Saya dan teman-teman dapat menyelesaikan masalah bersama				
3.	Saya mampu saling mendukung antar sesama teman				
4.	Saya memiliki keinginan untuk membantu orang lain				
5.	Saya bersedia membantu orang lain yang mengalami kesulitan				
6.	Saya mampu melakukan kegiatan bersama dengan teman untuk mencapai suatu hal				
7.	Saya memiliki hubungan yang saling menguntungkan dengan orang lain				
8.	Saya mampu melakukan komunikasi dua arah dengan orang lain				
9.	Saya menghargai perbedaan pendapat				
10.	Saya mampu menyesuaikan diri dengan orang lain				
11.	Tindakan yang saya lakukan dapat dipengaruhi oleh orang lain				
12.	Saya akan membalas bantuan yang sudah diberikan				
13.	Saya membalas kasih sayang yang sudah diberikan orang lain				
14.	Saya memberikan senyuman ketika teman menyapa				
15.	Saya akan membalas dukungan yang diberikan				
16.	Saya mengucapkan terimakasih atas bantuan yang saya terima				
17.	Saya bersikap apa adanya dihapadan teman-teman				

Lampiran 9

Data Mentah Penelitian Konsep Diri (X)

No.	Butir Pernyataan																			X	X^2
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165	4	3	4	4	3	4	3	4	4	2	4	4	4	2	4	4	4	3	4	68	4624
166	4	4	4	4	4	3	4	4	4	4	4	4	4	3	4	4	4	4	4	74	5476
167	4	3	4	4	4	4	3	3	4	3	4	4	3	4	4	3	4	4	4	70	4900
168	4	4	4	3	3	4	3	2	3	3	3	3	3	3	4	3	4	3	3	62	3844
169	4	4	3	3	3	4	3	2	3	3	3	3	3	3	4	3	3	3	3	60	3600
170	3	3	4	4	3	3	4	4	3	3	4	3	4	4	4	3	4	4	4	68	4624
171	3	3	3	4	3	3	3	2	2	2	3	3	4	4	3	3	3	4	3	58	3364
172	3	3	3	4	3	3	3	2	3	2	2	2	3	4	4	3	4	3	2	56	3136
173	4	3	4	4	4	3	4	2	3	4	2	4	4	4	4	3	4	3	4	67	4489
174	4	3	4	3	3	2	4	2	4	4	3	4	4	3	4	3	2	3	4	63	3969
175	3	3	4	4	3	3	4	4	3	4	4	4	4	3	3	4	3	4	3	67	4489
176	3	3	3	4	4	4	3	4	4	3	4	4	4	4	4	3	3	4	3	68	4624
177	2	2	3	3	3	3	4	4	2	3	4	4	4	4	2	3	3	2	3	58	3364
178	4	4	2	4	4	4	4	3	3	3	3	3	4	4	4	4	4	3	3	67	4489
179	3	2	3	4	3	4	4	4	4	4	4	3	4	4	4	3	4	4	4	69	4761
180	3	4	2	3	2	3	4	3	4	2	4	4	3	4	2	4	2	3	3	59	3481
181	3	3	3	4	4	3	4	3	3	3	4	4	4	4	4	3	4	4	3	67	4489
182	3	3	3	4	3	3	4	4	3	3	3	4	4	3	4	3	3	4	4	65	4225
183	3	3	4	4	3	3	2	4	3	3	4	4	4	3	3	3	3	3	3	62	3844
184	4	3	4	3	4	2	4	2	2	1	3	1	2	3	1	4	4	1	2	50	2500
185	3	4	3	4	2	1	4	2	2	3	4	3	2	3	2	3	2	4	3	54	2916
186	4	3	1	4	3	3	4	4	1	4	4	4	4	4	3	4	3	3	4	64	4096
187	4	3	1	4	4	4	4	2	3	4	4	4	4	4	4	4	4	4	4	69	4761
188	4	3	1	4	4	4	4	2	4	4	3	4	4	4	4	4	4	4	4	69	4761
189	4	3	2	4	4	4	4	3	3	4	3	4	4	4	4	4	4	4	4	70	4900
190	4	3	1	4	4	4	3	3	3	4	4	4	4	4	4	4	4	4	3	68	4624
191	2	2	2	4	3	4	2	3	2	3	4	4	4	3	3	3	3	4	3	58	3364
192	4	2	2	3	3	3	4	3	2	4	3	4	4	3	2	2	3	3	4	58	3364
193	3	2	2	4	3	2	4	3	2	4	4	1	3	3	2	4	2	1	4	53	2809
194	3	2	2	4	3	2	3	2	3	2	2	3	2	3	3	3	2	3	2	49	2401
195	1	3	3	4	3	3	4	3	3	3	4	4	3	4	3	4	3	4	3	62	3844

196	3	4	3	3	3	2	2	2	2	3	3	4	3	3	3	3	3	3	3	55	3025
197	4	4	4	4	4	4	4	4	4	2	3	4	4	4	4	4	4	4	4	73	5329
198	3	3	4	4	3	3	3	4	3	3	3	4	3	4	4	4	3	4	3	65	4225
199	3	3	3	4	3	3	4	4	3	3	4	4	3	3	4	4	4	3	3	65	4225
200	4	3	3	4	3	4	3	3	3	3	3	3	3	2	4	4	4	4	4	64	4096
201	3	3	3	3	3	2	3	4	3	3	4	3	4	3	3	3	2	4	3	59	3481
202	3	3	4	4	4	4	3	3	3	4	4	4	4	3	4	4	4	3	3	68	4624
203	2	2	3	3	3	3	3	4	4	3	3	3	3	3	2	2	2	3	4	55	3025
204	3	3	3	4	3	3	4	4	3	3	4	4	4	4	3	3	3	3	4	65	4225
205	3	3	3	3	3	4	4	3	2	3	3	3	3	3	3	2	3	3	3	57	3249
206	3	2	3	4	3	3	4	4	2	4	2	4	4	3	3	3	3	3	4	61	3721
207	2	1	3	4	3	3	3	2	2	2	4	3	3	4	2	3	3	3	4	54	2916
208	4	4	4	4	4	4	4	4	4	3	3	4	4	4	4	4	4	4	4	74	5476
209	2	3	2	4	3	2	3	3	3	4	2	4	4	4	3	4	4	4	4	62	3844
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211	3	2	3	4	4	4	4	4	2	3	4	4	3	3	4	3	3	3	3	63	3969
212	3	3	3	4	4	3	3	4	2	3	4	3	3	3	3	3	3	3	3	60	3600
213	3	2	3	3	3	3	4	4	3	3	2	4	4	3	3	3	4	3	3	60	3600
214	3	2	3	3	3	3	3	3	3	3	2	3	3	3	3	3	4	3	4	57	3249
215	2	3	4	4	3	3	4	4	2	4	2	1	2	2	4	4	4	3	3	58	3364
216	3	3	3	4	2	3	3	3	3	3	2	3	3	3	4	4	4	3	4	60	3600
217	4	3	3	4	2	3	3	2	3	2	2	3	3	3	4	4	4	3	4	59	3481
218	2	3	3	4	2	3	3	3	3	4	3	4	3	3	3	3	4	3	3	59	3481
219	3	2	3	4	2	2	4	4	3	3	4	3	2	3	4	4	3	3	2	58	3364
220	3	4	4	3	4	4	3	3	3	3	3	4	4	4	3	4	3	3	3	65	4225
221	3	2	2	4	3	3	4	1	3	3	4	4	3	3	4	3	4	4	4	61	3721
222	3	2	4	4	3	2	1	4	3	2	3	4	4	3	4	3	4	4	4	61	3721
223	3	2	2	3	4	4	3	4	3	3	3	4	2	2	3	4	3	4	3	59	3481
224	2	4	2	4	4	4	3	3	3	2	3	3	2	4	4	4	3	3	4	61	3721
225	3	2	2	4	2	2	3	4	3	2	3	3	3	3	3	2	2	4	3	53	2809
226	3	2	3	4	3	3	3	4	3	4	3	4	4	4	3	4	4	3	3	64	4096
227	3	2	3	4	3	3	3	4	3	3	3	4	3	4	3	4	4	4	3	63	3969
228	3	2	2	4	3	3	3	3	3	3	3	4	4	4	3	4	4	3	3	61	3721
229	4	3	4	4	3	4	4	4	3	3	3	4	3	3	4	3	3	3	3	65	4225
230	2	3	4	4	3	2	4	4	3	3	4	4	4	3	4	3	3	2	2	61	3721
231	2	2	4	4	3	3	4	3	2	3	3	2	4	4	2	3	3	4	2	57	3249
232	2	2	3	3	4	1	3	4	3	4	4	4	3	3	1	4	3	4	3	58	3364
233	3	2	2	3	3	3	4	4	4	3	4	4	3	3	4	4	1	4	3	61	3721
234	4	3	3	4	4	4	4	4	3	4	4	4	4	4	3	3	4	4	4	71	5041
235	3	2	4	3	3	2	3	3	3	3	4	3	3	3	3	3	3	3	3	57	3249
236	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	4	59	3481
237	3	2	3	4	3	3	3	4	3	4	3	4	4	4	3	4	4	3	3	64	4096
238	4	3	4	4	3	4	4	4	3	3	3	4	3	3	4	3	3	3	4	66	4356
239	4	4	2	4	4	4	4	3	3	3	3	3	4	4	4	4	4	3	3	67	4489
240	4	3	4	4	3	4	4	4	3	4	3	4	3	3	4	3	3	3	4	67	4489
241	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	76	5776
242	3	2	3	4	3	3	3	3	3	4	3	4	3	3	3	4	3	3	3	60	3600
243	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	57	3249
Jumlah	759	689	741	880	798	782	807	776	691	775	794	869	851	821	820	838	828	818	837	15174	954930

Lampiran 10

Proses Perhitungan Menggambar Grafik Histogram Konsep Diri (X)

1. Menentukan Rentang

   Rentang = Data Terbesar – Data Terkecil

   = 76 - 48

   = 28

2. Banyaknya Interval kelas (Aturan Strugess)

   K = 1 + (3,3) log n

   = 1 + (3,3) log 243

   = 1 + (3,3) 2,385

   = 1 + 7,870

   = 8,870 (dibulatkan menjadi 9)

3. Panjang Kelas

   P = $\frac{Rentang}{Kelas}$

   = $\frac{28}{9}$

   = 3,1 (dibulatkan menjadi 3)

Lampiran 11

Data Mentah Penelitian Kompetensi Sosial (Y)

No.	Butir Pernyataan																	Y	Y²
Responden	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
1	3	4	3	3	3	3	3	3	4	4	2	3	3	4	3	4	4	56	3136
2	4	3	4	4	3	3	2	4	1	2	1	4	3	4	3	4	4	53	2809
3	3	4	3	4	4	3	3	4	3	3	2	3	3	3	3	4	3	55	3025
4	4	4	4	4	4	3	4	4	3	3	2	4	4	4	3	4	4	62	3844
5	4	4	4	3	4	4	4	3	4	4	3	4	4	3	4	4	4	64	4096
6	2	4	3	4	2	4	3	3	3	3	1	4	2	3	3	4	3	51	2601
7	4	3	3	4	4	2	2	2	3	3	3	4	3	4	3	4	3	54	2916
8	4	4	4	4	4	4	4	4	4	1	4	4	4	4	4	4	4	65	4225
9	4	4	3	1	4	3	3	3	3	2	2	3	3	3	3	3	3	50	2500
10	3	3	3	3	2	4	3	2	3	2	4	3	3	3	3	4	2	50	2500
11	4	3	4	2	2	3	2	1	3	2	3	2	3	4	3	4	1	46	2116
12	4	3	4	3	2	3	2	1	3	2	3	2	3	3	4	4	1	47	2209
13	4	4	4	4	4	4	3	3	4	3	3	4	4	3	4	4	4	63	3969
14	4	3	3	3	3	3	4	4	3	3	3	4	3	3	4	4	2	56	3136
15	3	4	3	4	4	3	3	3	4	3	3	4	4	4	4	4	3	60	3600
16	4	4	4	3	3	3	3	3	4	4	3	3	3	3	3	4	3	57	3249
17	3	4	4	4	4	3	3	3	3	3	2	3	3	3	3	4	3	55	3025
18	4	4	4	4	4	4	4	3	4	3	3	4	3	4	3	4	3	62	3844
19	4	3	3	3	4	4	3	2	4	3	3	3	3	4	3	4	3	56	3136
20	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	4	51	2601
21	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	4	51	2601
22	4	4	4	4	4	4	3	3	3	2	3	3	3	3	3	3	3	56	3136
23	3	3	4	3	3	4	3	2	3	3	2	3	3	3	4	4	2	52	2704
24	4	4	3	4	4	4	3	4	4	1	2	4	3	4	3	4	2	57	3249
25	4	2	3	4	4	4	4	4	3	2	2	4	4	4	3	4	1	56	3136
26	3	2	2	3	3	2	3	3	3	2	3	4	4	2	3	4	1	47	2209
27	4	3	4	4	4	4	3	3	4	3	3	3	4	4	4	4	4	62	3844
28	4	4	4	4	4	3	4	3	4	4	3	4	4	4	4	3	4	64	4096
29	4	4	4	4	4	3	3	3	4	3	2	4	4	3	3	4	4	60	3600
30	4	4	4	4	4	3	4	2	3	4	2	4	3	4	3	4	4	60	3600
31	4	3	4	4	4	4	4	3	4	3	2	3	4	4	3	4	4	61	3721
32	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	67	4489
33	4	4	4	4	4	4	4	4	4	3	3	4	4	4	4	4	4	66	4356
34	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	67	4489
35	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	67	4489
36	2	3	4	3	4	4	4	3	4	4	2	2	4	4	4	4	4	59	3481
37	4	3	4	4	3	3	3	3	4	3	2	3	4	4	3	4	2	56	3136
38	4	4	4	4	4	4	4	3	4	3	4	4	3	4	4	4	4	65	4225
39	3	4	3	4	3	4	4	3	4	3	3	4	4	4	3	4	4	61	3721
40	3	3	4	4	4	4	2	3	3	3	3	3	3	3	3	3	3	54	2916
41	4	4	4	3	3	4	3	3	4	3	3	3	4	4	4	4	3	60	3600
42	4	4	3	4	4	3	3	3	4	3	3	4	3	4	3	4	4	60	3600
43	4	3	4	2	4	4	4	3	3	3	1	4	4	3	3	4	2	55	3025
44	4	4	4	4	4	4	2	4	4	1	1	4	4	4	4	4	4	60	3600
45	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	67	4489

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46	4	4	3	4	4	4	2	4	2	2	4	4	2	3	4	4	4	58	3364
47	4	3	3	4	4	4	3	4	4	4	3	3	3	3	3	3	3	58	3364
48	4	4	3	4	4	4	3	4	4	4	3	4	3	4	4	4	3	63	3969
49	4	4	4	4	4	4	4	4	3	1	2	2	4	3	3	3	4	57	3249
50	4	3	3	4	4	4	2	2	3	3	3	4	4	4	3	4	3	57	3249
51	4	3	3	4	4	4	3	4	4	3	3	2	4	3	4	4	3	59	3481
52	4	2	3	3	3	3	2	2	4	4	3	4	4	4	4	4	3	56	3136
53	4	3	4	4	4	3	4	4	3	4	3	4	4	3	4	4	3	62	3844
54	4	4	4	3	3	3	2	1	3	2	1	1	4	2	2	4	4	47	2209
55	4	2	1	2	4	2	1	2	4	2	2	2	1	4	2	4	3	42	1764
56	4	4	4	4	4	3	3	3	3	2	2	2	2	1	1	4	3	49	2401
57	4	4	4	2	3	3	3	3	3	2	2	3	3	3	3	4	4	53	2809
58	4	4	4	4	4	4	4	4	4	3	2	4	4	4	4	4	2	63	3969
59	4	3	4	4	4	3	3	3	4	4	3	3	3	4	3	4	3	59	3481
60	4	3	4	4	4	3	3	4	4	4	3	3	3	4	3	4	3	60	3600
61	4	4	3	4	3	4	3	3	4	4	3	4	4	4	3	4	4	62	3844
62	4	4	3	4	4	4	2	2	4	3	3	4	4	4	4	4	3	60	3600
63	4	4	4	4	4	2	3	3	3	3	3	3	3	4	4	4	3	58	3364
64	4	4	4	4	4	4	4	3	4	3	2	4	4	4	4	4	4	64	4096
65	4	3	3	3	4	3	3	3	4	3	3	4	3	3	3	3	4	56	3136
66	4	4	3	4	3	3	4	3	3	4	4	4	4	4	3	4	3	61	3721
67	3	4	4	4	3	4	3	2	3	3	3	3	3	3	3	3	3	54	2916
68	4	4	4	4	4	3	3	2	4	3	3	4	4	4	3	4	3	60	3600
69	4	4	3	3	4	3	3	2	3	4	2	4	4	4	4	4	3	58	3364
70	4	4	4	4	4	3	3	3	4	3	2	4	4	3	3	3	3	58	3364
71	4	4	4	4	4	4	3	2	4	4	4	4	4	4	4	3	3	63	3969
72	4	4	4	3	4	3	4	3	1	3	3	3	4	4	3	4	3	57	3249
73	4	4	3	3	4	3	4	2	3	3	2	3	4	4	3	4	3	56	3136
74	4	4	3	4	4	3	2	3	4	3	2	3	3	4	3	4	3	56	3136
75	4	4	4	4	4	4	3	3	4	2	1	4	4	4	4	4	4	61	3721
76	4	4	4	4	4	4	4	4	3	4	1	1	4	4	4	4	2	59	3481
77	2	3	3	3	4	3	3	4	3	4	3	2	3	4	4	4	3	55	3025
78	4	4	3	4	4	3	4	3	4	3	2	4	3	4	4	4	3	60	3600
79	4	4	3	4	4	3	4	3	3	4	3	3	4	3	4	3	4	60	3600
80	4	4	3	2	4	3	2	4	1	4	3	4	2	4	3	4	1	52	2704
81	4	3	4	4	3	3	4	4	3	3	2	4	3	4	2	4	4	58	3364
82	4	3	4	4	4	4	4	3	4	4	4	4	4	3	3	3	4	63	3969
83	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	68	4624
84	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	4	3	65	4225
85	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	67	4489
86	3	3	4	3	3	4	2	2	3	3	3	4	4	2	3	3	3	52	2704
87	4	4	3	3	3	4	3	2	4	2	3	3	2	4	3	4	3	54	2916
88	3	4	3	3	2	2	2	2	2	2	3	2	3	3	2	3	2	43	1849
89	3	4	3	4	4	3	2	2	4	3	2	2	4	4	3	4	4	55	3025
90	4	3	4	3	2	2	2	4	3	4	3	4	1	4	3	2	4	52	2704
91	4	2	4	4	3	3	2	2	3	2	2	3	3	4	3	3	3	50	2500
92	3	3	3	3	3	4	2	3	4	2	3	3	3	4	3	4	2	52	2704
93	2	2	3	3	2	2	2	3	2	2	3	3	2	2	3	3	3	42	1764
94	4	3	4	4	3	4	2	3	4	3	4	4	4	3	4	4	3	60	3600
95	3	2	3	4	4	3	2	2	4	3	2	4	4	4	4	4	3	55	3025

96	3	4	3	3	3	4	2	2	4	4	4	4	4	4	4	4	4	60	3600
97	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	50	2500
98	3	3	4	4	4	4	3	3	4	3	3	4	4	4	4	4	4	62	3844
99	4	4	4	4	4	3	4	4	4	4	3	4	4	4	3	4	4	65	4225
100	3	3	3	4	4	3	3	3	4	3	3	4	3	3	3	4	4	57	3249
101	3	3	3	4	4	3	3	3	4	3	3	4	3	3	3	4	4	57	3249
102	4	4	4	4	4	4	2	2	4	4	3	4	4	4	3	4	4	62	3844
103	3	2	3	4	3	3	1	2	3	3	2	3	4	4	3	3	1	47	2209
104	4	3	3	3	2	3	2	3	3	2	2	3	3	3	4	3	2	48	2304
105	3	3	4	4	4	4	3	4	4	3	2	4	4	4	4	4	4	62	3844
106	4	4	4	4	4	4	4	4	4	2	3	3	3	3	3	3	3	59	3481
107	3	3	3	3	3	3	2	3	3	2	2	3	3	3	3	3	3	48	2304
108	3	3	3	3	4	3	2	3	4	3	3	3	3	3	3	4	4	54	2916
109	3	4	3	3	3	3	2	3	3	2	1	3	3	3	3	3	3	48	2304
110	3	4	4	3	4	4	3	4	4	4	4	3	4	4	4	4	4	64	4096
111	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	4	4	55	3025
112	3	3	3	3	4	3	2	3	4	1	2	3	4	2	3	4	2	49	2401
113	4	4	4	4	4	4	3	3	4	3	4	4	4	3	4	4	4	64	4096
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115	4	3	2	4	4	4	2	3	3	3	2	3	4	4	3	3	4	55	3025
116	3	4	4	4	4	4	3	3	4	4	2	4	4	4	3	4	4	62	3844
117	4	4	3	3	3	4	3	2	3	3	2	4	3	4	3	4	4	56	3136
118	3	4	4	4	4	3	2	2	3	2	2	3	3	4	4	4	3	54	2916
119	3	3	4	4	4	4	3	4	3	2	3	3	3	3	3	4	4	57	3249
120	4	2	3	4	3	3	4	3	3	4	3	4	3	4	3	3	3	56	3136
121	4	3	3	3	3	3	3	4	3	2	2	3	3	4	3	3	3	52	2704
122	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	49	2401
123	3	4	4	4	4	4	2	3	4	3	3	4	4	4	4	4	4	62	3844
124	4	4	4	4	4	3	4	3	3	3	3	4	4	2	4	3	3	59	3481
125	4	4	4	4	4	4	4	3	4	4	3	4	4	3	4	4	4	65	4225
126	4	4	4	4	3	4	3	3	3	4	3	4	4	3	3	4	3	60	3600
127	4	4	4	4	4	3	3	2	4	2	2	2	4	3	4	4	3	56	3136
128	4	3	3	3	3	2	2	2	4	3	4	4	4	3	3	3	2	52	2704
129	3	3	3	3	3	3	3	2	3	3	2	3	3	3	3	3	3	49	2401
130	3	3	3	3	3	2	3	2	3	2	2	2	3	3	3	3	3	46	2116
131	3	3	3	3	3	4	3	3	3	3	2	4	4	2	3	4	4	54	2916
132	4	3	3	4	4	3	3	3	3	3	2	3	3	2	3	3	4	53	2809
133	3	2	3	3	3	3	2	2	3	3	2	3	3	3	3	3	3	47	2209
134	3	2	3	3	3	3	3	2	3	3	2	3	3	3	3	3	3	48	2304
135	3	3	3	4	4	3	3	3	4	4	3	3	4	4	4	4	4	60	3600
136	4	2	4	4	4	3	2	4	4	4	3	4	3	4	2	4	3	58	3364
137	4	3	3	4	4	3	3	4	4	4	3	4	4	4	4	4	4	63	3969
138	4	3	4	4	4	4	3	3	4	4	2	4	4	4	4	4	4	63	3969
139	4	4	4	4	4	4	4	4	4	4	2	4	4	4	4	4	4	66	4356
140	4	4	3	3	3	4	4	4	3	3	2	4	4	4	4	4	3	60	3600
141	4	3	3	3	3	3	3	3	4	4	3	4	4	4	3	4	4	59	3481
142	4	3	4	4	4	3	3	3	4	3	2	4	3	4	4	3	2	57	3249
143	4	3	4	3	4	3	3	3	3	3	2	3	3	3	3	4	3	54	2916
144	4	4	3	4	3	4	3	3	4	3	2	4	3	3	4	4	3	58	3364
145	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	52	2704

146	3	4	4	4	4	3	3	3	4	3	2	4	4	4	4	3	4	60	3600
147	4	4	3	4	4	4	3	3	4	3	1	3	3	4	4	3	4	58	3364
148	4	3	4	4	4	3	3	3	4	3	1	4	4	4	3	3	4	58	3364
149	4	3	4	4	4	3	3	4	4	4	3	4	4	4	3	4	4	63	3969
150	4	3	3	3	4	4	4	3	3	4	3	3	4	3	3	4	4	59	3481
151	4	4	2	4	4	4	4	4	2	4	2	4	4	2	2	4	4	58	3364
152	4	3	4	4	3	3	3	4	4	3	3	4	4	3	3	4	4	60	3600
153	4	2	4	3	4	3	2	3	4	3	1	2	3	4	4	4	4	54	2916
154	4	4	4	4	4	3	3	4	4	2	3	4	4	4	4	4	1	60	3600
155	4	3	2	3	3	4	3	2	3	3	2	4	4	3	3	4	2	52	2704
156	4	3	2	4	4	3	2	2	4	3	3	4	3	4	2	4	3	54	2916
157	3	4	4	4	4	3	3	4	3	2	2	3	4	4	4	3	4	58	3364
158	4	3	4	4	4	3	4	3	4	4	4	3	4	4	4	4	4	64	4096
159	4	3	4	3	4	4	2	2	4	4	4	4	3	4	3	4	4	60	3600
160	4	3	3	3	4	3	2	2	3	4	4	4	4	3	3	3	3	55	3025
161	4	3	4	4	3	4	3	3	4	3	3	4	4	4	3	4	4	61	3721
162	3	4	3	4	4	3	4	3	4	2	3	4	3	4	3	4	3	58	3364
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165	3	4	4	4	4	4	3	4	3	3	3	3	2	4	4	4	3	59	3481
166	4	4	4	4	4	4	4	2	4	3	4	4	4	4	4	4	4	65	4225
167	4	4	4	4	4	4	4	3	4	4	3	4	4	3	4	4	4	65	4225
168	4	3	4	4	4	3	4	3	4	4	4	4	4	3	4	3	4	63	3969
169	4	3	3	3	3	3	4	3	4	3	4	3	3	4	3	4	3	57	3249
170	3	4	4	4	4	3	3	3	4	4	3	4	4	4	4	4	3	62	3844
171	3	3	3	3	3	4	3	2	2	2	3	3	2	4	2	4	3	49	2401
172	3	3	3	3	3	4	3	2	3	2	3	2	2	1	3	1	4	45	2025
173	4	4	4	3	4	3	3	4	4	3	2	4	4	4	3	4	2	59	3481
174	4	3	4	4	4	3	3	4	4	3	2	4	3	4	2	4	4	59	3481
175	4	4	4	4	4	4	3	4	3	3	4	3	4	4	3	4	4	63	3969
176	4	4	4	4	3	3	3	3	4	3	4	4	4	3	4	3	3	60	3600
177	3	4	4	4	3	3	3	3	4	3	2	3	3	4	3	4	4	57	3249
178	4	4	3	3	4	3	2	4	4	3	4	3	4	4	3	4	3	59	3481
179	4	3	4	4	4	3	4	4	4	3	4	4	4	4	4	4	3	64	4096
180	2	3	4	4	3	4	2	4	3	2	2	2	2	4	3	4	3	51	2601
181	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	68	4624
182	3	4	3	4	3	3	3	3	3	4	3	3	3	3	4	4	3	56	3136
183	4	4	4	4	4	3	3	3	3	2	2	4	3	4	3	4	3	57	3249
184	3	4	3	4	2	4	2	1	1	3	4	2	3	1	1	3	4	45	2025
185	3	4	2	3	3	3	4	2	4	3	2	4	3	3	2	3	4	52	2704
186	4	4	4	3	4	4	4	3	4	3	2	3	4	3	4	3	3	59	3481
187	4	4	4	4	4	4	4	3	3	4	3	1	4	4	4	4	4	62	3844
188	4	4	4	3	3	4	4	3	4	3	1	4	4	4	4	4	4	61	3721
189	4	4	4	3	3	3	4	4	4	3	3	4	4	4	4	4	4	63	3969
190	3	4	4	4	3	4	3	4	4	3	1	4	4	4	4	4	4	61	3721
191	3	4	3	4	3	3	3	2	3	4	2	3	4	3	4	4	3	55	3025
192	4	3	3	4	4	4	3	2	3	2	2	3	4	4	4	4	3	56	3136
193	3	2	3	4	3	3	2	3	3	2	1	4	3	4	3	3	4	50	2500
194	2	3	3	3	2	3	3	3	3	2	2	3	3	3	3	3	3	47	2209
195	4	4	3	4	4	3	3	3	4	3	3	4	4	3	3	4	3	59	3481

196	3	3	3	3	3	4	3	3	3	3	2	3	3	4	3	3	3	52	2704
197	3	3	3	3	4	3	3	3	3	3	3	4	3	4	4	4	3	56	3136
198	4	4	3	4	3	3	3	4	4	2	3	3	4	4	3	4	3	58	3364
199	3	3	4	3	3	3	3	3	4	3	3	4	3	3	4	4	3	56	3136
200	3	3	3	4	4	3	3	4	3	4	3	4	4	4	4	4	4	61	3721
201	4	4	4	3	4	4	3	3	4	4	4	4	4	3	4	4	3	63	3969
202	4	4	4	4	4	3	3	3	3	3	3	3	4	4	4	4	3	60	3600
203	2	3	4	4	4	4	4	3	2	2	3	2	4	4	4	4	3	56	3136
204	3	4	2	4	4	3	3	4	4	2	3	4	3	4	3	4	2	56	3136
205	4	4	4	4	4	4	3	3	3	3	3	3	2	3	3	3	3	56	3136
206	4	4	4	4	4	4	4	4	4	4	4	2	4	4	4	4	4	66	4356
207	3	3	3	3	4	4	2	3	3	4	3	3	3	3	3	3	3	53	2809
208	3	2	3	3	3	3	4	4	2	4	2	3	3	4	3	4	2	52	2704
209	3	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	2	60	3600
210	3	2	4	4	4	3	3	4	4	3	2	4	4	4	4	4	4	60	3600
211	3	4	3	4	4	3	2	3	4	3	2	4	2	4	4	4	3	56	3136
212	3	4	3	3	4	3	2	3	4	3	2	4	2	4	3	4	3	54	2916
213	3	3	4	4	4	3	3	3	4	3	2	4	4	4	3	4	3	58	3364
214	4	4	3	4	4	3	2	3	4	3	2	3	3	3	3	3	3	54	2916
215	3	2	2	4	4	3	2	3	4	3	4	3	3	4	4	4	3	55	3025
216	3	3	3	3	3	4	2	3	3	3	2	4	4	3	3	4	3	53	2809
217	4	3	4	3	3	4	2	4	4	3	2	4	3	3	4	3	4	57	3249
218	4	3	4	3	4	3	3	3	4	3	2	4	3	3	3	4	3	56	3136
219	3	4	4	4	4	4	3	3	3	2	3	3	3	3	3	4	3	56	3136
220	4	3	3	4	4	3	3	3	4	3	3	3	4	4	3	4	4	59	3481
221	3	3	4	3	3	4	3	2	4	2	2	3	3	4	3	4	3	53	2809
222	3	3	4	3	3	4	3	2	4	2	2	3	3	4	3	4	3	53	2809
223	3	3	3	3	3	4	2	3	4	3	2	4	3	4	3	4	3	54	2916
224	3	3	4	4	3	3	2	3	4	3	2	3	3	3	3	4	4	54	2916
225	3	3	3	4	3	3	2	2	3	2	2	3	3	3	3	4	2	48	2304
226	4	4	4	4	4	4	3	3	4	4	3	4	4	4	4	4	4	65	4225
227	3	4	4	4	4	4	3	3	4	4	3	4	4	4	4	4	4	64	4096
228	3	4	4	4	4	4	3	4	4	4	3	4	4	4	4	4	4	65	4225
229	4	3	4	4	4	3	3	3	4	3	3	3	3	3	4	4	4	59	3481
230	3	4	4	3	4	3	2	2	4	2	2	4	4	4	2	4	4	55	3025
231	3	3	4	4	3	3	3	4	4	2	2	2	3	3	4	4	4	55	3025
232	4	4	4	4	4	3	3	4	3	2	3	4	3	4	3	4	4	60	3600
233	3	4	4	4	4	3	3	4	4	3	3	3	3	4	4	3	3	59	3481
234	4	4	4	4	4	4	4	4	4	4	4	2	3	3	4	4	4	64	4096
235	3	2	3	3	3	3	4	4	4	4	2	3	3	4	3	4	2	54	2916
236	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	50	2500
237	3	3	3	4	3	2	2	3	3	3	2	3	3	4	4	4	2	51	2601
238	4	3	4	4	3	4	4	4	3	3	3	4	3	3	4	3	3	59	3481
239	4	3	4	4	4	3	3	4	3	2	2	3	3	4	4	4	3	57	3249
240	4	3	4	4	4	3	3	4	4	4	3	4	3	4	4	4	3	62	3844
241	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	68	4624
242	3	2	2	2	3	3	2	3	3	3	2	3	3	4	3	3	2	46	2116
243	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	51	2601
Jumlah	872	832	849	874	872	826	730	746	855	738	652	834	834	860	818	907	795	13894	801534

Lampiran 12

Proses Perhitungan Menggambar Grafik Histogram Kompetensi Sosial (X)

1. Menentukan Rentang

   Rentang = Data Terbesar – Data Terkecil

   = 68 - 42

   = 26

2. Banyaknya Interval kelas (Aturan Strugess)

   K = 1 + (3,3) log n

   = 1 + (3,3) log 243

   = 1 + (3,3) 2,385

   = 1 + 7,870

   = 8,870 (dibulatkan menjadi 9)

3. Panjang Kelas

   P = $\frac{Rentang}{Kelas}$

   = $\frac{26}{9}$

   = 2,8 (dibulatkan menjadi 3)

UNIVERSITAS NEGERI JAKARTA

Lampiran 13

Data Berpasangan Variabel Konsep Diri (X) dan

Kompetensi Sosial (Y)

No. Responden	X	Y	X^2	Y^2	XY
1	61	56	3721	3136	3416
2	60	53	3600	2809	3180
3	59	55	3481	3025	3245
4	66	62	4356	3844	4092
5	67	64	4489	4096	4288
6	62	51	3844	2601	3162
7	59	54	3481	2916	3186
8	61	65	3721	4225	3965
9	56	50	3136	2500	2800
10	52	50	2704	2500	2600
11	55	46	3025	2116	2530
12	55	47	3025	2209	2585
13	70	63	4900	3969	4410
14	62	56	3844	3136	3472
15	65	60	4225	3600	3900
16	60	57	3600	3249	3420
17	61	55	3721	3025	3355
18	68	62	4624	3844	4216
19	64	56	4096	3136	3584
20	59	51	3481	2601	3009
21	59	51	3481	2601	3009
22	60	56	3600	3136	3360
23	59	52	3481	2704	3068
24	62	57	3844	3249	3534
25	64	56	4096	3136	3584
26	55	47	3025	2209	2585
27	65	62	4225	3844	4030
28	65	64	4225	4096	4160
29	66	60	4356	3600	3960
30	63	60	3969	3600	3780
31	63	61	3969	3721	3843
32	73	67	5329	4489	4891
33	72	66	5184	4356	4752
34	67	67	4489	4489	4489
35	68	67	4624	4489	4556
36	64	59	4096	3481	3776
37	62	56	3844	3136	3472
38	61	65	3721	4225	3965
39	64	61	4096	3721	3904
40	55	54	3025	2916	2970

41	65	60	4225	3600	3900
42	61	60	3721	3600	3660
43	61	55	3721	3025	3355
44	65	60	4225	3600	3900
45	70	67	4900	4489	4690
46	61	58	3721	3364	3538
47	59	58	3481	3364	3422
48	71	63	5041	3969	4473
49	70	57	4900	3249	3990
50	66	57	4356	3249	3762
51	61	59	3721	3481	3599
52	67	56	4489	3136	3752
53	63	62	3969	3844	3906
54	59	47	3481	2209	2773
55	48	42	2304	1764	2016
56	56	49	3136	2401	2744
57	60	53	3600	2809	3180
58	70	63	4900	3969	4410
59	68	59	4624	3481	4012
60	68	60	4624	3600	4080
61	61	62	3721	3844	3782
62	71	60	5041	3600	4260
63	67	58	4489	3364	3886
64	66	64	4356	4096	4224
65	62	56	3844	3136	3472
66	66	61	4356	3721	4026
67	56	54	3136	2916	3024
68	69	60	4761	3600	4140
69	58	58	3364	3364	3364
70	60	58	3600	3364	3480
71	62	63	3844	3969	3906
72	62	57	3844	3249	3534
73	57	56	3249	3136	3192
74	59	56	3481	3136	3304
75	66	61	4356	3721	4026
76	64	59	4096	3481	3776
77	64	55	4096	3025	3520
78	61	60	3721	3600	3660
79	71	60	5041	3600	4260
80	61	52	3721	2704	3172
81	60	58	3600	3364	3480
82	64	63	4096	3969	4032
83	72	68	5184	4624	4896
84	68	65	4624	4225	4420
85	68	67	4624	4489	4556

86	61	52	3721	2704	3172
87	57	54	3249	2916	3078
88	61	43	3721	1849	2623
89	63	55	3969	3025	3465
90	54	52	2916	2704	2808
91	59	50	3481	2500	2950
92	60	52	3600	2704	3120
93	48	42	2304	1764	2016
94	62	60	3844	3600	3720
95	65	55	4225	3025	3575
96	68	60	4624	3600	4080
97	50	50	2500	2500	2500
98	69	62	4761	3844	4278
99	70	65	4900	4225	4550
100	65	57	4225	3249	3705
101	67	57	4489	3249	3819
102	67	62	4489	3844	4154
103	58	47	3364	2209	2726
104	54	48	2916	2304	2592
105	68	62	4624	3844	4216
106	66	59	4356	3481	3894
107	52	48	2704	2304	2496
108	57	54	3249	2916	3078
109	55	48	3025	2304	2640
110	71	64	5041	4096	4544
111	56	55	3136	3025	3080
112	52	49	2704	2401	2548
113	67	64	4489	4096	4288
114	68	64	4624	4096	4352
115	60	55	3600	3025	3300
116	66	62	4356	3844	4092
117	59	56	3481	3136	3304
118	59	54	3481	2916	3186
119	54	57	2916	3249	3078
120	64	56	4096	3136	3584
121	65	52	4225	2704	3380
122	56	49	3136	2401	2744
123	62	62	3844	3844	3844
124	64	59	4096	3481	3776
125	66	65	4356	4225	4290
126	70	60	4900	3600	4200
127	62	56	3844	3136	3472
128	57	52	3249	2704	2964
129	58	49	3364	2401	2842
130	57	46	3249	2116	2622

131	57	54	3249	2916	3078
132	60	53	3600	2809	3180
133	50	47	2500	2209	2350
134	50	48	2500	2304	2400
135	62	60	3844	3600	3720
136	57	58	3249	3364	3306
137	73	63	5329	3969	4599
138	74	63	5476	3969	4662
139	72	66	5184	4356	4752
140	70	60	4900	3600	4200
141	69	59	4761	3481	4071
142	66	57	4356	3249	3762
143	64	54	4096	2916	3456
144	70	58	4900	3364	4060
145	57	52	3249	2704	2964
146	63	60	3969	3600	3780
147	66	58	4356	3364	3828
148	64	58	4096	3364	3712
149	72	63	5184	3969	4536
150	66	59	4356	3481	3894
151	71	58	5041	3364	4118
152	67	60	4489	3600	4020
153	64	54	4096	2916	3456
154	61	60	3721	3600	3660
155	52	52	2704	2704	2704
156	64	54	4096	2916	3456
157	60	58	3600	3364	3480
158	63	64	3969	4096	4032
159	57	60	3249	3600	3420
160	59	55	3481	3025	3245
161	60	61	3600	3721	3660
162	65	58	4225	3364	3770
163	61	58	3721	3364	3538
164	67	58	4489	3364	3886
165	68	59	4624	3481	4012
166	74	65	5476	4225	4810
167	70	65	4900	4225	4550
168	62	63	3844	3969	3906
169	60	57	3600	3249	3420
170	68	62	4624	3844	4216
171	58	49	3364	2401	2842
172	56	45	3136	2025	2520
173	67	59	4489	3481	3953
174	63	59	3969	3481	3717
175	67	63	4489	3969	4221
176	68	60	4624	3600	4080

177	58	57	3364	3249	3306
178	67	59	4489	3481	3953
179	69	64	4761	4096	4416
180	59	51	3481	2601	3009
181	67	68	4489	4624	4556
182	65	56	4225	3136	3640
183	62	57	3844	3249	3534
184	50	45	2500	2025	2250
185	54	52	2916	2704	2808
186	64	59	4096	3481	3776
187	69	62	4761	3844	4278
188	69	61	4761	3721	4209
189	70	63	4900	3969	4410
190	68	61	4624	3721	4148
191	58	55	3364	3025	3190
192	58	56	3364	3136	3248
193	53	50	2809	2500	2650
194	49	47	2401	2209	2303
195	62	59	3844	3481	3658
196	55	52	3025	2704	2860
197	73	56	5329	3136	4088
198	65	58	4225	3364	3770
199	65	56	4225	3136	3640
200	64	61	4096	3721	3904
201	59	63	3481	3969	3717
202	68	60	4624	3600	4080
203	55	56	3025	3136	3080
204	65	56	4225	3136	3640
205	57	56	3249	3136	3192
206	61	66	3721	4356	4026
207	54	53	2916	2809	2862
208	74	52	5476	2704	3848
209	62	60	3844	3600	3720
210	62	60	3844	3600	3720
211	63	56	3969	3136	3528
212	60	54	3600	2916	3240
213	60	58	3600	3364	3480
214	57	54	3249	2916	3078
215	58	55	3364	3025	3190
216	60	53	3600	2809	3180
217	59	57	3481	3249	3363
218	59	56	3481	3136	3304

219	58	56	3364	3136	3248
220	65	59	4225	3481	3835
221	61	53	3721	2809	3233
222	61	53	3721	2809	3233
223	59	54	3481	2916	3186
224	61	54	3721	2916	3294
225	53	48	2809	2304	2544
226	64	65	4096	4225	4160
227	63	64	3969	4096	4032
228	61	65	3721	4225	3965
229	65	59	4225	3481	3835
230	61	55	3721	3025	3355
231	57	55	3249	3025	3135
232	58	60	3364	3600	3480
233	61	59	3721	3481	3599
234	71	64	5041	4096	4544
235	57	54	3249	2916	3078
236	59	50	3481	2500	2950
237	64	51	4096	2601	3264
238	66	59	4356	3481	3894
239	67	57	4489	3249	3819
240	67	62	4489	3844	4154
241	76	68	5776	4624	5168
242	60	46	3600	2116	2760
243	57	51	3249	2601	2907
Jumlah	15174	13894	954930	801534	872928
Rata-Rata	62.44	57.177			
Median	62	58			
Modus	61	60			
Standar Deviasi	5.529	5.4232			
Varians	30.57	29.411			
Maksimum	76	68			
Minimum	48	42			
Korelasi Product	0.734				

Lampiran 14

Perhitungan Persamaan Regresi Linier Sederhana

$$\bar{Y} = a + bx$$

n = 243

$\sum XY$ = 872928

$\sum X$ = 15174

$\sum Y$ = 13894

$\sum X^2$ = 954930

$\sum Y^2$ = 801534

$\sum (X)^2$ = 230250276

$\sum (Y)^2$ = 193043236

$$a = \frac{(\sum Y)\sum X^2 - \sum X(XY)}{n(\sum X^2) - \sum (X)^2}$$

$$= \frac{(13894)(954930) - (15174)(872928)}{243(954930) - (230250276)}$$

$$= \frac{13267797420 - 13245809472}{232047990 - 230250276}$$

$$= \frac{21987948}{1797714}$$

= 12.231

$$b = \frac{n(\sum XY) - (\sum X)(\sum Y)}{n(\sum X^2) - (\sum X)^2}$$

$$= \frac{243(872928) - (15174)(13894)}{243(954930) - (230250276)}$$

$$= \frac{212121504 - 210827556}{232047990 - 230250276}$$

$$= \frac{1293946}{1797714}$$

= 0.719

Jadi, $\bar{Y}$ = 12.231 + 0.719X

Lampiran 15

Tabel Persamaan Regresi

Responden	X	Persamaan 12.231 + 0.719			Ȳ
1	61	12.231	+	0.719	56.09
2	60	12.231	+	0.719	55.371
3	59	12.231	+	0.719	54.652
4	66	12.231	+	0.719	59.685
5	67	12.231	+	0.719	60.404
6	62	12.231	+	0.719	56.809
7	59	12.231	+	0.719	54.652
8	61	12.231	+	0.719	56.09
9	56	12.231	+	0.719	52.495
10	52	12.231	+	0.719	49.619
11	55	12.231	+	0.719	51.776
12	55	12.231	+	0.719	51.776
13	70	12.231	+	0.719	62.561
14	62	12.231	+	0.719	56.809
15	65	12.231	+	0.719	58.966
16	60	12.231	+	0.719	55.371
17	61	12.231	+	0.719	56.09
18	68	12.231	+	0.719	61.123
19	64	12.231	+	0.719	58.247
20	59	12.231	+	0.719	54.652
21	59	12.231	+	0.719	54.652
22	60	12.231	+	0.719	55.371
23	59	12.231	+	0.719	54.652
24	62	12.231	+	0.719	56.809
25	64	12.231	+	0.719	58.247
26	55	12.231	+	0.719	51.776
27	65	12.231	+	0.719	58.966
28	65	12.231	+	0.719	58.966
29	66	12.231	+	0.719	59.685
30	63	12.231	+	0.719	57.528
31	63	12.231	+	0.719	57.528
32	73	12.231	+	0.719	64.718
33	72	12.231	+	0.719	63.999
34	67	12.231	+	0.719	60.404
35	68	12.231	+	0.719	61.123
36	64	12.231	+	0.719	58.247
37	62	12.231	+	0.719	56.809
38	61	12.231	+	0.719	56.09
39	64	12.231	+	0.719	58.247
40	55	12.231	+	0.719	51.776
41	65	12.231	+	0.719	58.966
42	61	12.231	+	0.719	56.09
43	61	12.231	+	0.719	56.09
44	65	12.231	+	0.719	58.966
45	70	12.231	+	0.719	62.561

46	61	12.231	+	0.719	56.09
47	59	12.231	+	0.719	54.652
48	71	12.231	+	0.719	63.28
49	70	12.231	+	0.719	62.561
50	66	12.231	+	0.719	59.685
51	61	12.231	+	0.719	56.09
52	67	12.231	+	0.719	60.404
53	63	12.231	+	0.719	57.528
54	59	12.231	+	0.719	54.652
55	48	12.231	+	0.719	46.743
56	56	12.231	+	0.719	52.495
57	60	12.231	+	0.719	55.371
58	70	12.231	+	0.719	62.561
59	68	12.231	+	0.719	61.123
60	68	12.231	+	0.719	61.123
61	61	12.231	+	0.719	56.09
62	71	12.231	+	0.719	63.28
63	67	12.231	+	0.719	60.404
64	66	12.231	+	0.719	59.685
65	62	12.231	+	0.719	56.809
66	66	12.231	+	0.719	59.685
67	56	12.231	+	0.719	52.495
68	69	12.231	+	0.719	61.842
69	58	12.231	+	0.719	53.933
70	60	12.231	+	0.719	55.371
71	62	12.231	+	0.719	56.809
72	62	12.231	+	0.719	56.809
73	57	12.231	+	0.719	53.214
74	59	12.231	+	0.719	54.652
75	66	12.231	+	0.719	59.685
76	64	12.231	+	0.719	58.247
77	64	12.231	+	0.719	58.247
78	61	12.231	+	0.719	56.09
79	71	12.231	+	0.719	63.28
80	61	12.231	+	0.719	56.09
81	60	12.231	+	0.719	55.371
82	64	12.231	+	0.719	58.247
83	72	12.231	+	0.719	63.999
84	68	12.231	+	0.719	61.123
85	68	12.231	+	0.719	61.123
86	61	12.231	+	0.719	56.09
87	57	12.231	+	0.719	53.214
88	61	12.231	+	0.719	56.09
89	63	12.231	+	0.719	57.528
90	54	12.231	+	0.719	51.057

91	59	12.231	+	0.719	54.652
92	60	12.231	+	0.719	55.371
93	48	12.231	+	0.719	46.743
94	62	12.231	+	0.719	56.809
95	65	12.231	+	0.719	58.966
96	68	12.231	+	0.719	61.123
97	50	12.231	+	0.719	48.181
98	69	12.231	+	0.719	61.842
99	70	12.231	+	0.719	62.561
100	65	12.231	+	0.719	58.966
101	67	12.231	+	0.719	60.404
102	67	12.231	+	0.719	60.404
103	58	12.231	+	0.719	53.933
104	54	12.231	+	0.719	51.057
105	68	12.231	+	0.719	61.123
106	66	12.231	+	0.719	59.685
107	52	12.231	+	0.719	49.619
108	57	12.231	+	0.719	53.214
109	55	12.231	+	0.719	51.776
110	71	12.231	+	0.719	63.28
111	56	12.231	+	0.719	52.495
112	52	12.231	+	0.719	49.619
113	67	12.231	+	0.719	60.404
114	68	12.231	+	0.719	61.123
115	60	12.231	+	0.719	55.371
116	66	12.231	+	0.719	59.685
117	59	12.231	+	0.719	54.652
118	59	12.231	+	0.719	54.652
119	54	12.231	+	0.719	51.057
120	64	12.231	+	0.719	58.247
121	65	12.231	+	0.719	58.966
122	56	12.231	+	0.719	52.495
123	62	12.231	+	0.719	56.809
124	64	12.231	+	0.719	58.247
125	66	12.231	+	0.719	59.685
126	70	12.231	+	0.719	62.561
127	62	12.231	+	0.719	56.809
128	57	12.231	+	0.719	53.214
129	58	12.231	+	0.719	53.933
130	57	12.231	+	0.719	53.214
131	57	12.231	+	0.719	53.214
132	60	12.231	+	0.719	55.371
133	50	12.231	+	0.719	48.181
134	50	12.231	+	0.719	48.181
135	62	12.231	+	0.719	56.809
136	57	12.231	+	0.719	53.214
137	73	12.231	+	0.719	64.718
138	74	12.231	+	0.719	65.437
139	72	12.231	+	0.719	63.999
140	70	12.231	+	0.719	62.561
141	69	12.231	+	0.719	61.842
142	66	12.231	+	0.719	59.685
143	64	12.231	+	0.719	58.247
144	70	12.231	+	0.719	62.561
145	57	12.231	+	0.719	53.214

146	63	12.231	+	0.719	57.528
147	66	12.231	+	0.719	59.685
148	64	12.231	+	0.719	58.247
149	72	12.231	+	0.719	63.999
150	66	12.231	+	0.719	59.685
151	71	12.231	+	0.719	63.28
152	67	12.231	+	0.719	60.404
153	64	12.231	+	0.719	58.247
154	61	12.231	+	0.719	56.09
155	52	12.231	+	0.719	49.619
156	64	12.231	+	0.719	58.247
157	60	12.231	+	0.719	55.371
158	63	12.231	+	0.719	57.528
159	57	12.231	+	0.719	53.214
160	59	12.231	+	0.719	54.652
161	60	12.231	+	0.719	55.371
162	65	12.231	+	0.719	58.966
163	61	12.231	+	0.719	56.09
164	67	12.231	+	0.719	60.404
165	68	12.231	+	0.719	61.123
166	74	12.231	+	0.719	65.437
167	70	12.231	+	0.719	62.561
168	62	12.231	+	0.719	56.809
169	60	12.231	+	0.719	55.371
170	68	12.231	+	0.719	61.123
171	58	12.231	+	0.719	53.933
172	56	12.231	+	0.719	52.495
173	67	12.231	+	0.719	60.404
174	63	12.231	+	0.719	57.528
175	67	12.231	+	0.719	60.404
176	68	12.231	+	0.719	61.123
177	58	12.231	+	0.719	53.933
178	67	12.231	+	0.719	60.404
179	69	12.231	+	0.719	61.842
180	59	12.231	+	0.719	54.652
181	67	12.231	+	0.719	60.404
182	65	12.231	+	0.719	58.966
183	62	12.231	+	0.719	56.809
184	50	12.231	+	0.719	48.181
185	54	12.231	+	0.719	51.057
186	64	12.231	+	0.719	58.247
187	69	12.231	+	0.719	61.842
188	69	12.231	+	0.719	61.842
189	70	12.231	+	0.719	62.561
190	68	12.231	+	0.719	61.123
191	58	12.231	+	0.719	53.933
192	58	12.231	+	0.719	53.933

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193	53	12.231	+	0.719	50.338
194	49	12.231	+	0.719	47.462
195	62	12.231	+	0.719	56.809
196	55	12.231	+	0.719	51.776
197	73	12.231	+	0.719	64.718
198	65	12.231	+	0.719	58.966
199	65	12.231	+	0.719	58.966
200	64	12.231	+	0.719	58.247
201	59	12.231	+	0.719	54.652
202	68	12.231	+	0.719	61.123
203	55	12.231	+	0.719	51.776
204	65	12.231	+	0.719	58.966
205	57	12.231	+	0.719	53.214
206	61	12.231	+	0.719	56.09
207	54	12.231	+	0.719	51.057
208	74	12.231	+	0.719	65.437
209	62	12.231	+	0.719	56.809
210	62	12.231	+	0.719	56.809
211	63	12.231	+	0.719	57.528
212	60	12.231	+	0.719	55.371
213	60	12.231	+	0.719	55.371
214	57	12.231	+	0.719	53.214
215	58	12.231	+	0.719	53.933
216	60	12.231	+	0.719	55.371
217	59	12.231	+	0.719	54.652
218	59	12.231	+	0.719	54.652
219	58	12.231	+	0.719	53.933
220	65	12.231	+	0.719	58.966
221	61	12.231	+	0.719	56.09
222	61	12.231	+	0.719	56.09
223	59	12.231	+	0.719	54.652
224	61	12.231	+	0.719	56.09
225	53	12.231	+	0.719	50.338
226	64	12.231	+	0.719	58.247
227	63	12.231	+	0.719	57.528
228	61	12.231	+	0.719	56.09
229	65	12.231	+	0.719	58.966
230	61	12.231	+	0.719	56.09
231	57	12.231	+	0.719	53.214
232	58	12.231	+	0.719	53.933
233	61	12.231	+	0.719	56.09
234	71	12.231	+	0.719	63.28
235	57	12.231	+	0.719	53.214
236	59	12.231	+	0.719	54.652
237	64	12.231	+	0.719	58.247
238	66	12.231	+	0.719	59.685
239	67	12.231	+	0.719	60.404
240	67	12.231	+	0.719	60.404
241	76	12.231	+	0.719	66.875
242	60	12.231	+	0.719	55.371
243	57	12.231	+	0.719	53.214

Lampiran 16

Tabel Perhitungan Rata-rata, Varians dan Simpangan Baku Regresi

Responden	X	Y	$\bar{Y}$	Y-$\bar{Y}$	(Y-$\bar{Y}$) - (Y-$\bar{Y}$)	[(Y-$\bar{Y}$) - (Y-$\bar{Y}$)]²
1	61	56	56.09	-0.09	-0.080889	0.006543012
2	60	53	55.371	-2.371	-2.361889	5.578519123
3	59	55	54.652	0.348	0.357111	0.127528346
4	66	62	59.685	2.315	2.324111	5.401492457
5	67	64	60.404	3.596	3.605111	12.99682612
6	62	51	56.809	-5.809	-5.799889	33.63871112
7	59	54	54.652	-0.652	-0.642889	0.413306123
8	61	65	56.09	8.91	8.919111	79.55054301
9	56	50	52.495	-2.495	-2.485889	6.179643568
10	52	50	49.619	0.381	0.390111	0.152186679
11	55	46	51.776	-5.776	-5.766889	33.25700746
12	55	47	51.776	-4.776	-4.766889	22.72322968
13	70	63	62.561	0.439	0.448111	0.200803568
14	62	56	56.809	-0.809	-0.799889	0.639822235
15	65	60	58.966	1.034	1.043111	1.08808079
16	60	57	55.371	1.629	1.638111	2.683408012
17	61	55	56.09	-1.09	-1.080889	1.16832079
18	68	62	61.123	0.877	0.886111	0.785192901
19	64	56	58.247	-2.247	-2.237889	5.008146679
20	59	51	54.652	-3.652	-3.642889	13.27063946
21	59	51	54.652	-3.652	-3.642889	13.27063946
22	60	56	55.371	0.629	0.638111	0.40718579
23	59	52	54.652	-2.652	-2.642889	6.984861679
24	62	57	56.809	0.191	0.200111	0.040044457
25	64	56	58.247	-2.247	-2.237889	5.008146679
26	55	47	51.776	-4.776	-4.766889	22.72322968
27	65	62	58.966	3.034	3.043111	9.260525235
28	65	64	58.966	5.034	5.043111	25.43296968
29	66	60	59.685	0.315	0.324111	0.105048012
30	63	60	57.528	2.472	2.481111	6.155912346
31	63	61	57.528	3.472	3.481111	12.11813457
32	73	67	64.718	2.282	2.291111	5.249190123
33	72	66	63.999	2.001	2.010111	4.040546679
34	67	67	60.404	6.596	6.605111	43.62749279
35	68	67	61.123	5.877	5.886111	34.64630401
36	64	59	58.247	0.753	0.762111	0.580813346
37	62	56	56.809	-0.809	-0.799889	0.639822235
38	61	65	56.09	8.91	8.919111	79.55054301
39	64	61	58.247	2.753	2.762111	7.62925779
40	55	54	51.776	2.224	2.233111	4.986785235

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41	65	60	58.966	1.034	1.043111	1.08808079
42	61	60	56.09	3.91	3.919111	15.3594319
43	61	55	56.09	-1.09	-1.080889	1.16832079
44	65	60	58.966	1.034	1.043111	1.08808079
45	70	67	62.561	4.439	4.448111	19.78569246
46	61	58	56.09	1.91	1.919111	3.682987457
47	59	58	54.652	3.348	3.357111	11.27019501
48	71	63	63.28	-0.28	-0.270889	0.07338079
49	70	57	62.561	-5.561	-5.551889	30.82347023
50	66	57	59.685	-2.685	-2.675889	7.160381346
51	61	59	56.09	2.91	2.919111	8.521209679
52	67	56	60.404	-4.404	-4.394889	19.31504835
53	63	62	57.528	4.472	4.481111	20.08035679
54	59	47	54.652	-7.652	-7.642889	58.41375057
55	48	42	46.743	-4.743	-4.733889	22.40970401
56	56	49	52.495	-3.495	-3.485889	12.15142135
57	60	53	55.371	-2.371	-2.361889	5.578519123
58	70	63	62.561	0.439	0.448111	0.200803568
59	68	59	61.123	-2.123	-2.113889	4.468526235
60	68	60	61.123	-1.123	-1.113889	1.240748457
61	61	62	56.09	5.91	5.919111	35.03587635
62	71	60	63.28	-3.28	-3.270889	10.69871412
63	67	58	60.404	-2.404	-2.394889	5.73549279
64	66	64	59.685	4.315	4.324111	18.6979369
65	62	56	56.809	-0.809	-0.799889	0.639822235
66	66	61	59.685	1.315	1.324111	1.753270235
67	56	54	52.495	1.505	1.514111	2.292532457
68	69	60	61.842	-1.842	-1.832889	3.359481679
69	58	58	53.933	4.067	4.076111	16.61468179
70	60	58	55.371	2.629	2.638111	6.959630235
71	62	63	56.809	6.191	6.200111	38.44137779
72	62	57	56.809	0.191	0.200111	0.040044457
73	57	56	53.214	2.786	2.795111	7.812646123
74	59	56	54.652	1.348	1.357111	1.841750568
75	66	61	59.685	1.315	1.324111	1.753270235
76	64	59	58.247	0.753	0.762111	0.580813346
77	64	55	58.247	-3.247	-3.237889	10.48392446
78	61	60	56.09	3.91	3.919111	15.3594319
79	71	60	63.28	-3.28	-3.270889	10.69871412
80	61	52	56.09	-4.09	-4.080889	16.65365412
81	60	58	55.371	2.629	2.638111	6.959630235
82	64	63	58.247	4.753	4.762111	22.67770223
83	72	68	63.999	4.001	4.010111	16.08099112
84	68	65	61.123	3.877	3.886111	15.10185957
85	68	67	61.123	5.877	5.886111	34.64630401
86	61	52	56.09	-4.09	-4.080889	16.65365412
87	57	54	53.214	0.786	0.795111	0.632201679

88	61	43	56.09	-13.09	-13.08089	171.1096541
89	63	55	57.528	-2.528	-2.518889	6.344801235
90	54	52	51.057	0.943	0.952111	0.906515568
91	59	50	54.652	-4.652	-4.642889	21.55641723
92	60	52	55.371	-3.371	-3.361889	11.3022969
93	48	42	46.743	-4.743	-4.733889	22.40970401
94	62	60	56.809	3.191	3.200111	10.24071112
95	65	55	58.966	-3.966	-3.956889	15.65696968
96	68	60	61.123	-1.123	-1.113889	1.240748457
97	50	50	48.181	1.819	1.828111	3.341990235
98	69	62	61.842	0.158	0.167111	0.027926123
99	70	65	62.561	2.439	2.448111	5.993248012
100	65	57	58.966	-1.966	-1.956889	3.829414123
101	67	57	60.404	-3.404	-3.394889	11.52527057
102	67	62	60.404	1.596	1.605111	2.576381679
103	58	47	53.933	-6.933	-6.923889	47.94023735
104	54	48	51.057	-3.057	-3.047889	9.289626679
105	68	62	61.123	0.877	0.886111	0.785192901
106	66	59	59.685	-0.685	-0.675889	0.45682579
107	52	48	49.619	-1.619	-1.609889	2.591742235
108	57	54	53.214	0.786	0.795111	0.632201679
109	55	48	51.776	-3.776	-3.766889	14.1894519
110	71	64	63.28	0.72	0.729111	0.531603012
111	56	55	52.495	2.505	2.514111	6.320754679
112	52	49	49.619	-0.619	-0.609889	0.371964457
113	67	64	60.404	3.596	3.605111	12.99682612
114	68	64	61.123	2.877	2.886111	8.329637346
115	60	55	55.371	-0.371	-0.361889	0.130963568
116	66	62	59.685	2.315	2.324111	5.401492457
117	59	56	54.652	1.348	1.357111	1.841750568
118	59	54	54.652	-0.652	-0.642889	0.413306123
119	54	57	51.057	5.943	5.952111	35.42762668
120	64	56	58.247	-2.247	-2.237889	5.008146679
121	65	52	58.966	-6.966	-6.956889	48.39830301
122	56	49	52.495	-3.495	-3.485889	12.15142135
123	62	62	56.809	5.191	5.200111	27.04115557
124	64	59	58.247	0.753	0.762111	0.580813346
125	66	65	59.685	5.315	5.324111	28.34615912
126	70	60	62.561	-2.561	-2.551889	6.512136901
127	62	56	56.809	-0.809	-0.799889	0.639822235
128	57	52	53.214	-1.214	-1.204889	1.451757235

129	58	49	53.933	-4.933	-4.923889	24.24468179
130	57	46	53.214	-7.214	-7.204889	51.9104239
131	57	54	53.214	0.786	0.795111	0.632201679
132	60	53	55.371	-2.371	-2.361889	5.578519123
133	50	47	48.181	-1.181	-1.171889	1.373323568
134	50	48	48.181	-0.181	-0.171889	0.02954579
135	62	60	56.809	3.191	3.200111	10.24071112
136	57	58	53.214	4.786	4.795111	22.99309057
137	73	63	64.718	-1.718	-1.708889	2.920301235
138	74	63	65.437	-2.437	-2.427889	5.894644457
139	72	66	63.999	2.001	2.010111	4.040546679
140	70	60	62.561	-2.561	-2.551889	6.512136901
141	69	59	61.842	-2.842	-2.832889	8.025259457
142	66	57	59.685	-2.685	-2.675889	7.160381346
143	64	54	58.247	-4.247	-4.237889	17.95970223
144	70	58	62.561	-4.561	-4.551889	20.71969246
145	57	52	53.214	-1.214	-1.204889	1.451757235
146	63	60	57.528	2.472	2.481111	6.155912346
147	66	58	59.685	-1.685	-1.675889	2.808603568
148	64	58	58.247	-0.247	-0.237889	0.056591123
149	72	63	63.999	-0.999	-0.989889	0.979880012
150	66	59	59.685	-0.685	-0.675889	0.45682579
151	71	58	63.28	-5.28	-5.270889	27.78226968
152	67	60	60.404	-0.404	-0.394889	0.155937235
153	64	54	58.247	-4.247	-4.237889	17.95970223
154	61	60	56.09	3.91	3.919111	15.3594319
155	52	52	49.619	2.381	2.390111	5.712631123
156	64	54	58.247	-4.247	-4.237889	17.95970223
157	60	58	55.371	2.629	2.638111	6.959630235
158	63	64	57.528	6.472	6.481111	42.00480123
159	57	60	53.214	6.786	6.795111	46.17353501
160	59	55	54.652	0.348	0.357111	0.127528346
161	60	61	55.371	5.629	5.638111	31.7882969
162	65	58	58.966	-0.966	-0.956889	0.915636346
163	61	58	56.09	1.91	1.919111	3.682987457
164	67	58	60.404	-2.404	-2.394889	5.73549279
165	68	59	61.123	-2.123	-2.113889	4.468526235
166	74	65	65.437	-0.437	-0.427889	0.183088901
167	70	65	62.561	2.439	2.448111	5.993248012
168	62	63	56.809	6.191	6.200111	38.44137779
169	60	57	55.371	1.629	1.638111	2.683408012
170	68	62	61.123	0.877	0.886111	0.785192901

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171	58	49	53.933	-4.933	-4.923889	24.24468179
172	56	45	52.495	-7.495	-7.485889	56.03853246
173	67	59	60.404	-1.404	-1.394889	1.945715012
174	63	59	57.528	1.472	1.481111	2.193690123
175	67	63	60.404	2.596	2.605111	6.786603901
176	68	60	61.123	-1.123	-1.113889	1.240748457
177	58	57	53.933	3.067	3.076111	9.462459568
178	67	59	60.404	-1.404	-1.394889	1.945715012
179	69	64	61.842	2.158	2.167111	4.696370568
180	59	51	54.652	-3.652	-3.642889	13.27063946
181	67	68	60.404	7.596	7.605111	57.83771501
182	65	56	58.966	-2.966	-2.956889	8.743191901
183	62	57	56.809	0.191	0.200111	0.040044457
184	50	45	48.181	-3.181	-3.171889	10.06087912
185	54	52	51.057	0.943	0.952111	0.906515568
186	64	59	58.247	0.753	0.762111	0.580813346
187	69	62	61.842	0.158	0.167111	0.027926123
188	69	61	61.842	-0.842	-0.832889	0.693703901
189	70	63	62.561	0.439	0.448111	0.200803568
190	68	61	61.123	-0.123	-0.113889	0.012970679
191	58	55	53.933	1.067	1.076111	1.158015123
192	58	56	53.933	2.067	2.076111	4.310237346
193	53	50	50.338	-0.338	-0.328889	0.108167901
194	49	47	47.462	-0.462	-0.452889	0.205108346
195	62	59	56.809	2.191	2.200111	4.840488901
196	55	52	51.776	0.224	0.233111	0.05434079
197	73	56	64.718	-8.718	-8.708889	75.84474568
198	65	58	58.966	-0.966	-0.956889	0.915636346
199	65	56	58.966	-2.966	-2.956889	8.743191901
200	64	61	58.247	2.753	2.762111	7.62925779
201	59	63	54.652	8.348	8.357111	69.84130612
202	68	60	61.123	-1.123	-1.113889	1.240748457
203	55	56	51.776	4.224	4.233111	17.91922968
204	65	56	58.966	-2.966	-2.956889	8.743191901
205	57	56	53.214	2.786	2.795111	7.812646123
206	61	66	56.09	9.91	9.919111	98.38876523
207	54	53	51.057	1.943	1.952111	3.81073779
208	74	52	65.437	-13.437	-13.42789	180.3082
209	62	60	56.809	3.191	3.200111	10.24071112
210	62	60	56.809	3.191	3.200111	10.24071112

211	63	56	57.528	-1.528	-1.518889	2.307023457
212	60	54	55.371	-1.371	-1.361889	1.854741346
213	60	58	55.371	2.629	2.638111	6.959630235
214	57	54	53.214	0.786	0.795111	0.632201679
215	58	55	53.933	1.067	1.076111	1.158015123
216	60	53	55.371	-2.371	-2.361889	5.578519123
217	59	57	54.652	2.348	2.357111	5.55597279
218	59	56	54.652	1.348	1.357111	1.841750568
219	58	56	53.933	2.067	2.076111	4.310237346
220	65	59	58.966	0.034	0.043111	0.001858568
221	61	53	56.09	-3.09	-3.080889	9.491876346
222	61	53	56.09	-3.09	-3.080889	9.491876346
223	59	54	54.652	-0.652	-0.642889	0.413306123
224	61	54	56.09	-2.09	-2.080889	4.330098568
225	53	48	50.338	-2.338	-2.328889	5.423723457
226	64	65	58.247	6.753	6.762111	45.72614668
227	63	64	57.528	6.472	6.481111	42.00480123
228	61	65	56.09	8.91	8.919111	79.55054301
229	65	59	58.966	0.034	0.043111	0.001858568
230	61	55	56.09	-1.09	-1.080889	1.16832079
231	57	55	53.214	1.786	1.795111	3.222423901
232	58	60	53.933	6.067	6.076111	36.91912623
233	61	59	56.09	2.91	2.919111	8.521209679
234	71	64	63.28	0.72	0.729111	0.531603012
235	57	54	53.214	0.786	0.795111	0.632201679
236	59	50	54.652	-4.652	-4.642889	21.55641723
237	64	51	58.247	-7.247	-7.237889	52.38703557
238	66	59	59.685	-0.685	-0.675889	0.45682579
239	67	57	60.404	-3.404	-3.394889	11.52527057
240	67	62	60.404	1.596	1.605111	2.576381679
241	76	68	66.875	1.125	1.134111	1.286208012
242	60	46	55.371	-9.371	-9.361889	87.64496357
243	57	51	53.214	-2.214	-2.204889	4.861535012
Jumlah	15174	13894		11.761		3285.481909
Rata-Rata	62.444	57.177		-0.0484		13.52050168

Lampiran 17

Perhitungan Rata-rata, Varians dan Simpangan Baku Regresi

1. Rata-rata

$$Y - \bar{Y} = \frac{\sum Y - \bar{Y}}{n}$$

$$= \frac{11.761}{243}$$

$$= 0.048$$

2. Varians

$$S^2 = \frac{\sum\{(Y - \bar{Y}) - (Y - \bar{Y})\}(Y - \bar{Y})^2}{n-1}$$

$$= \frac{3285.481}{243-1}$$

$$= \frac{3285.481}{242}$$

$$= 13.576$$

3. Simpangan Baku

$$S = \sqrt{S^2}$$

$$= \sqrt{13.576}$$

$$= 3.684$$

Lampiran 18

Perhitungan Normalitas Galat Taksiran Y atas X

$\bar{Y} = 12.231 + 0.719X$

Responden	(Y - $\bar{Y}$)	(Y-$\bar{Y}$) - (Y-$\bar{Y}$)	zi	F(zi)	S(zi)	F(zi)-S(zi)
1	-13.437	-0.080889	-3.66	0.0001	0.0041	-0.00399
2	-13.09	-2.361889	-3.566	0.0002	0.0082	-0.00805
3	-9.371	0.3571111	-2.557	-0.0053	0.0123	-0.01763
4	-8.718	2.3241111	-2.379	-0.0087	0.0165	-0.02513
5	-7.652	3.6051111	-2.09	0.0183	0.0206	-0.00227
6	-7.495	-5.799889	-2.048	0.0203	0.0247	-0.00439
7	-7.247	-0.642889	-1.98	-0.0238	0.0288	-0.05265
8	-7.214	8.9191111	-1.971	-0.0243	0.0329	-0.05727
9	-6.966	-2.485889	-1.904	0.0285	0.037	-0.00858
10	-6.933	0.3901111	-1.895	0.029	0.0412	-0.0121
11	-5.809	-5.766889	-1.59	-0.0559	0.0453	-0.1012
12	-5.776	-4.766889	-1.581	-0.0569	0.0494	-0.10633
13	-5.561	0.4481111	-1.523	0.0639	0.0535	0.01044
14	-5.28	-0.799889	-1.446	0.074	0.0576	0.01643
15	-4.933	1.0431111	-1.352	-0.0882	0.0617	-0.1499
16	-4.933	1.6381111	-1.352	-0.0882	0.0658	-0.15401
17	-4.776	-1.080889	-1.309	0.0952	0.07	0.02522
18	-4.776	0.8861111	-1.309	0.0952	0.0741	0.02111
19	-4.743	-2.237889	-1.301	-0.0967	0.0782	-0.1749
20	-4.743	-3.642889	-1.301	-0.0967	0.0823	-0.17901
21	-4.652	-3.642889	-1.276	0.101	0.0864	0.01459
22	-4.652	0.6381111	-1.276	0.101	0.0905	0.01047
23	-4.561	-2.642889	-1.251	-0.1054	0.0947	-0.20009
24	-4.404	0.2001111	-1.209	-0.1134	0.0988	-0.21219
25	-4.247	-2.237889	-1.166	0.1218	0.1029	0.01894
26	-4.247	-4.766889	-1.166	0.1218	0.107	0.01483
27	-4.247	3.0431111	-1.166	-0.1218	0.1111	-0.23294
28	-4.09	5.0431111	-1.123	-0.1307	0.1152	-0.24588
29	-4.09	0.3241111	-1.123	0.1307	0.1193	0.01131
30	-3.966	2.4811111	-1.09	0.1379	0.1235	0.01448
31	-3.776	3.4811111	-1.038	-0.1496	0.1276	-0.27719
32	-3.652	2.2911111	-1.004	-0.1576	0.1317	-0.28928
33	-3.652	2.0101111	-1.004	0.1576	0.1358	0.02179
34	-3.652	6.6051111	-1.004	0.1576	0.1399	0.01767
35	-3.495	5.8861111	-0.962	-0.1681	0.144	-0.31211
36	-3.495	0.7621111	-0.962	-0.1681	0.1481	-0.31623
37	-3.404	-0.799889	-0.937	0.1744	0.1523	0.02209
38	-3.404	8.9191111	-0.937	0.1744	0.1564	0.01798
39	-3.371	2.7621111	-0.928	-0.1767	0.1605	-0.33716

40	-3.28	2.2331111	-0.903	-0.1831	0.1646	-0.34776
41	-3.28	1.0431111	-0.903	0.1831	0.1687	0.01442
42	-3.247	3.9191111	-0.894	0.1855	0.1728	0.01269
43	-3.181	-1.080889	-0.877	-0.1904	0.177	-0.36732
44	-3.09	1.0431111	-0.852	-0.1971	0.1811	-0.37822
45	-3.09	4.4481111	-0.852	0.1971	0.1852	0.01196
46	-3.057	1.9191111	-0.843	0.1996	0.1893	0.01034
47	-2.966	3.3571111	-0.818	-0.2066	0.1934	-0.40004
48	-2.966	-0.270889	-0.818	-0.2066	0.1975	-0.40415
49	-2.966	-5.551889	-0.818	0.2066	0.2016	0.00497
50	-2.842	-2.675889	-0.785	0.2164	0.2058	0.0106
51	-2.685	2.9191111	-0.742	-0.2291	0.2099	-0.43894
52	-2.685	-4.394889	-0.742	-0.2291	0.214	-0.44306
53	-2.652	4.4811111	-0.733	0.2318	0.2181	0.01368
54	-2.561	-7.642889	-0.708	0.2394	0.2222	0.01717
55	-2.561	-4.733889	-0.708	-0.2394	0.2263	-0.46572
56	-2.528	-3.485889	-0.699	-0.2422	0.2305	-0.47263
57	-2.495	-2.361889	-0.69	0.245	0.2346	0.01042
58	-2.437	0.4481111	-0.675	0.25	0.2387	0.01128
59	-2.404	-2.113889	-0.666	-0.2528	0.2428	-0.49561
60	-2.404	-1.113889	-0.666	-0.2528	0.2469	-0.49973
61	-2.371	5.9191111	-0.657	0.2557	0.251	0.00466
62	-2.371	-3.270889	-0.657	0.2557	0.2551	0.00054
63	-2.371	-2.394889	-0.657	-0.2557	0.2593	-0.51495
64	-2.371	4.3241111	-0.657	-0.2557	0.2634	-0.51906
65	-2.338	-0.799889	-0.648	0.2586	0.2675	-0.00891
66	-2.247	1.3241111	-0.623	0.2666	0.2716	-0.00498
67	-2.247	1.5141111	-0.623	-0.2666	0.2757	-0.54235
68	-2.247	-1.832889	-0.623	-0.2666	0.2798	-0.54646
69	-2.214	4.0761111	-0.614	0.2696	0.284	-0.01437
70	-2.123	2.6381111	-0.589	0.2778	0.2881	-0.01027
71	-2.123	6.2001111	-0.589	-0.2778	0.2922	-0.56998
72	-2.09	0.2001111	-0.58	-0.2808	0.2963	-0.57711
73	-1.966	2.7951111	-0.547	0.2923	0.3004	-0.00814
74	-1.842	1.3571111	-0.513	0.3039	0.3045	-0.00059
75	-1.718	1.3241111	-0.479	-0.3158	0.3086	-0.62445
76	-1.685	0.7621111	-0.471	-0.319	0.3128	-0.63176
77	-1.619	-3.237889	-0.453	0.3254	0.3169	0.00855
78	-1.528	3.9191111	-0.428	0.3344	0.321	0.01338
79	-1.404	-3.270889	-0.394	-0.3467	0.3251	-0.67181
80	-1.404	-4.080889	-0.394	-0.3467	0.3292	-0.67592
81	-1.371	2.6381111	-0.385	0.35	0.3333	0.01669
82	-1.214	4.7621111	-0.343	0.3659	0.3374	0.02848
83	-1.214	4.0101111	-0.343	-0.3659	0.3416	-0.70749
84	-1.181	3.8861111	-0.334	-0.3693	0.3457	-0.71498
85	-1.123	5.8861111	-0.318	0.3753	0.3498	0.02547

86	-1.123	-4.080889	-0.318	0.3753	0.3539	0.02135
87	-1.123	0.7951111	-0.318	-0.3753	0.358	-0.73328
88	-1.123	-13.08089	-0.318	-0.3753	0.3621	-0.7374
89	-1.09	-2.518889	-0.309	0.3787	0.3663	0.01241
90	-1.09	0.9521111	-0.309	0.3787	0.3704	0.00829
91	-1.09	-4.642889	-0.309	-0.3787	0.3745	-0.75315
92	-0.999	-3.361889	-0.284	-0.3881	0.3786	-0.76669
93	-0.966	-4.733889	-0.275	0.3915	0.3827	0.00881
94	-0.966	3.2001111	-0.275	0.3915	0.3868	0.0047
95	-0.842	-3.956889	-0.242	-0.4045	0.3909	-0.79546
96	-0.809	-1.113889	-0.233	-0.408	0.3951	-0.80305
97	-0.809	1.8281111	-0.233	0.408	0.3992	0.00881
98	-0.809	0.1671111	-0.233	0.408	0.4033	0.0047
99	-0.809	2.4481111	-0.233	-0.408	0.4074	-0.81539
100	-0.685	-1.956889	-0.199	-0.4211	0.4115	-0.83263
101	-0.685	-3.394889	-0.199	0.4211	0.4156	0.00547
102	-0.685	1.6051111	-0.199	0.4211	0.4198	0.00135
103	-0.652	-6.923889	-0.19	-0.4246	0.4239	-0.84848
104	-0.652	-3.047889	-0.19	-0.4246	0.428	-0.85259
105	-0.652	0.8861111	-0.19	0.4246	0.4321	-0.00749
106	-0.619	-0.675889	-0.181	0.4281	0.4362	-0.00809
107	-0.462	-1.609889	-0.139	-0.4449	0.4403	-0.88524
108	-0.437	0.7951111	-0.132	-0.4476	0.4444	-0.89203
109	-0.404	-3.766889	-0.123	0.4511	0.4486	0.00257
110	-0.371	0.7291111	-0.114	0.4547	0.4527	0.00201
111	-0.338	2.5141111	-0.105	-0.4582	0.4568	-0.91503
112	-0.28	-0.609889	-0.089	-0.4645	0.4609	-0.92539
113	-0.247	3.6051111	-0.08	0.468	0.465	0.00303
114	-0.181	2.8861111	-0.062	0.4752	0.4691	0.00604
115	-0.123	-0.361889	-0.047	-0.4814	0.4733	-0.9547
116	-0.09	2.3241111	-0.038	-0.485	0.4774	-0.96238
117	0.034	1.3571111	-0.004	0.4984	0.4815	0.01696
118	0.034	-0.642889	-0.004	0.4984	0.4856	0.01284
119	0.158	5.9521111	0.0297	-0.5119	0.4897	-1.00158
120	0.158	-2.237889	0.0297	-0.5119	0.4938	-1.00569
121	0.191	-6.956889	0.0387	0.5154	0.4979	0.0175
122	0.191	-3.485889	0.0387	0.5154	0.5021	0.01338
123	0.191	5.2001111	0.0387	-0.5154	0.5062	-1.02161
124	0.224	0.7621111	0.0477	-0.519	0.5103	-1.0293
125	0.315	5.3241111	0.0724	0.5288	0.5144	0.01444
126	0.348	-2.551889	0.0813	0.5324	0.5185	0.01389
127	0.348	-0.799889	0.0813	-0.5324	0.5226	-1.05504
128	0.381	-1.204889	0.0903	-0.536	0.5267	-1.06272
129	0.439	-4.923889	0.106	0.5422	0.5309	0.01135
130	0.439	-7.204889	0.106	0.5422	0.535	0.00724

131	0.439	0.7951111	0.106	-0.5422	0.5391	-1.08131
132	0.629	-2.361889	0.1576	-0.5626	0.5432	-1.10582
133	0.72	-1.171889	0.1823	0.5723	0.5473	0.025
134	0.72	-0.171889	0.1823	0.5723	0.5514	0.02088
135	0.753	3.2001111	0.1913	-0.5758	0.5556	-1.13139
136	0.753	4.7951111	0.1913	-0.5758	0.5597	-1.13551
137	0.753	-1.708889	0.1913	0.5758	0.5638	0.01205
138	0.753	-2.427889	0.1913	0.5758	0.5679	0.00793
139	0.786	2.0101111	0.2002	-0.5793	0.572	-1.15136
140	0.786	-2.551889	0.2002	-0.5793	0.5761	-1.15547
141	0.786	-2.832889	0.2002	0.5793	0.5802	-0.00091
142	0.786	-2.675889	0.2002	0.5793	0.5844	-0.00502
143	0.786	-4.237889	0.2002	-0.5793	0.5885	-1.16782
144	0.877	-4.551889	0.2249	-0.589	0.5926	-1.18157
145	0.877	-1.204889	0.2249	0.589	0.5967	-0.00773
146	0.877	2.4811111	0.2249	0.589	0.6008	-0.01185
147	0.943	-1.675889	0.2428	-0.5959	0.6049	-1.20087
148	0.943	-0.237889	0.2428	-0.5959	0.6091	-1.20498
149	1.034	-0.989889	0.2675	0.6055	0.6132	-0.0077
150	1.034	-0.675889	0.2675	0.6055	0.6173	-0.01182
151	1.034	-5.270889	0.2675	-0.6055	0.6214	-1.22687
152	1.067	-0.394889	0.2765	-0.6089	0.6255	-1.23443
153	1.067	-4.237889	0.2765	0.6089	0.6296	-0.02072
154	1.125	3.9191111	0.2922	0.6149	0.6337	-0.0188
155	1.315	2.3901111	0.3438	-0.6345	0.6379	-1.27236
156	1.315	-4.237889	0.3438	-0.6345	0.642	-1.27648
157	1.348	2.6381111	0.3528	0.6379	0.6461	-0.00823
158	1.348	6.4811111	0.3528	0.6379	0.6502	-0.01234
159	1.348	6.7951111	0.3528	-0.6379	0.6543	-1.29218
160	1.472	0.3571111	0.3864	-0.6504	0.6584	-1.30884
161	1.505	5.6381111	0.3954	0.6537	0.6626	-0.00884
162	1.596	-0.956889	0.4201	0.6628	0.6667	-0.00388
163	1.596	1.9191111	0.4201	-0.6628	0.6708	-1.33356
164	1.629	-2.394889	0.429	-0.666	0.6749	-1.34094
165	1.629	-2.113889	0.429	0.666	0.679	-0.01296
166	1.786	-0.427889	0.4716	0.6814	0.6831	-0.00172
167	1.819	2.4481111	0.4806	-0.6846	0.6872	-1.37184
168	1.91	6.2001111	0.5053	-0.6933	0.6914	-1.38468
169	1.91	1.6381111	0.5053	0.6933	0.6955	-0.00215
170	1.943	0.8861111	0.5143	0.6965	0.6996	-0.00313
171	2.001	-4.923889	0.53	-0.7019	0.7037	-1.40565
172	2.001	-7.485889	0.53	-0.7019	0.7078	-1.40976
173	2.067	-1.394889	0.5479	0.7081	0.7119	-0.00381
174	2.067	1.4811111	0.5479	0.7081	0.716	-0.00793
175	2.158	2.6051111	0.5726	-0.7165	0.7202	-1.43671

176	2.191	-1.113889	0.5816	-0.7196	0.7243	-1.44385
177	2.224	3.0761111	0.5905	0.7226	0.7284	-0.00581
178	2.282	-1.394889	0.6063	0.7278	0.7325	-0.00468
179	2.315	2.1671111	0.6152	-0.7308	0.7366	-1.46742
180	2.315	-3.642889	0.6152	-0.7308	0.7407	-1.47154
181	2.348	7.6051111	0.6242	0.7337	0.7449	-0.01111
182	2.381	-2.956889	0.6331	0.7367	0.749	-0.01229
183	2.439	0.2001111	0.6489	-0.7418	0.7531	-1.49488
184	2.439	-3.171889	0.6489	-0.7418	0.7572	-1.499
185	2.472	0.9521111	0.6578	0.7447	0.7613	-0.01664
186	2.472	0.7621111	0.6578	0.7447	0.7654	-0.02075
187	2.505	0.1671111	0.6668	-0.7476	0.7695	-1.5171
188	2.596	-0.832889	0.6915	-0.7554	0.7737	-1.52904
189	2.629	0.4481111	0.7005	0.7582	0.7778	-0.0196
190	2.629	-0.113889	0.7005	0.7582	0.7819	-0.02371
191	2.629	1.0761111	0.7005	-0.7582	0.786	-1.54419
192	2.629	2.0761111	0.7005	-0.7582	0.7901	-1.5483
193	2.753	-0.328889	0.7341	0.7686	0.7942	-0.02568
194	2.753	-0.452889	0.7341	0.7686	0.7984	-0.02979
195	2.786	2.2001111	0.7431	-0.7713	0.8025	-1.57375
196	2.786	0.2331111	0.7431	-0.7713	0.8066	-1.57787
197	2.877	-8.708889	0.7678	0.7787	0.8107	-0.03201
198	2.91	-0.956889	0.7767	0.7813	0.8148	-0.03347
199	2.91	-2.956889	0.7767	-0.7813	0.8189	-1.60027
200	3.034	2.7621111	0.8104	-0.7911	0.823	-1.61419
201	3.067	8.3571111	0.8193	0.7937	0.8272	-0.03346
202	3.191	-1.113889	0.853	0.8032	0.8313	-0.0281
203	3.191	4.2331111	0.853	-0.8032	0.8354	-1.63856
204	3.191	-2.956889	0.853	-0.8032	0.8395	-1.64268
205	3.191	2.7951111	0.853	0.8032	0.8436	-0.04045
206	3.348	9.9191111	0.8956	0.8148	0.8477	-0.03297
207	3.472	1.9521111	0.9293	-0.8236	0.8519	-1.67548
208	3.596	-13.42789	0.9629	-0.8322	0.856	-1.68818
209	3.596	3.2001111	0.9629	0.8322	0.8601	-0.02787
210	3.877	3.2001111	1.0392	0.8506	0.8642	-0.01355
211	3.91	-1.518889	1.0482	-0.8527	0.8683	-1.72103
212	3.91	-1.361889	1.0482	-0.8527	0.8724	-1.72515
213	3.91	2.6381111	1.0482	0.8527	0.8765	-0.02383
214	4.001	0.7951111	1.0729	0.8583	0.8807	-0.02232
215	4.067	1.0761111	1.0908	-0.8623	0.8848	-1.74709

216	4.224	-2.361889	1.1334	-0.8715	0.8889	-1.76036
217	4.315	2.3571111	1.1581	0.8766	0.893	-0.01642
218	4.439	1.3571111	1.1918	0.8833	0.8971	-0.0138
219	4.472	2.0761111	1.2007	-0.8851	0.9012	-1.7863
220	4.753	0.0431111	1.277	-0.8992	0.9053	-1.80455
221	4.786	-3.080889	1.2859	0.9008	0.9095	-0.0087
222	5.034	-3.080889	1.3533	0.912	0.9136	-0.00157
223	5.191	-0.642889	1.3959	-0.9186	0.9177	-1.83632
224	5.315	-2.080889	1.4295	-0.9236	0.9218	-1.84538
225	5.629	-2.328889	1.5148	0.9351	0.9259	0.00916
226	5.877	6.7621111	1.5821	0.9432	0.93	0.01314
227	5.877	6.4811111	1.5821	-0.9432	0.9342	-1.87734
228	5.91	8.9191111	1.591	-0.9442	0.9383	-1.88247
229	5.943	0.0431111	1.6	0.9452	0.9424	0.00281
230	6.067	-1.080889	1.6336	0.9488	0.9465	0.00233
231	6.191	1.7951111	1.6673	-0.9523	0.9506	-1.90289
232	6.191	6.0761111	1.6673	-0.9523	0.9547	-1.90701
233	6.472	2.9191111	1.7436	0.9594	0.9588	0.00054
234	6.472	0.7291111	1.7436	0.9594	0.963	-0.00358
235	6.596	0.7951111	1.7772	-0.9622	0.9671	-1.92931
236	6.753	-4.642889	1.8198	-0.9656	0.9712	-1.9368
237	6.786	-7.237889	1.8288	0.9663	0.9753	-0.00902
238	7.596	-0.675889	2.0487	0.9798	0.9794	0.00033
239	8.348	-3.394889	2.2528	-0.9879	0.9835	-1.9714
240	8.91	1.6051111	2.4053	-0.9919	0.9877	-1.97958
241	8.91	1.1341111	2.4053	0.9919	0.9918	0.00015
242	8.91	-9.361889	2.4053	0.9919	0.9959	-0.00396
243	9.91	-2.204889	2.6768	-0.9963	1	-1.99628
Standar Deviasi	3.6841621					
Mean	0.0483992					

Lampiran 19

Uji Homogenitas Varians Y atas X

Responden	X	n	K	Y	dk	1/dk	S^2	log.S^2	dk.S^2	dk. $logS^2$
1	48	2	1	56			4.5	0.6532		
2	48			53						
3	49	1	2	55						
4	50	4	3	62	3	0.33	38.92	1.5901	116.8	4.77041
5	50			64						
6	50			51						
7	50			54						
8	52	4	4	65	3	0.33	70.25	1.8466	210.8	5.53994
9	52			50						
10	52			50						
11	52			46						
12	53	2	5	47			128	2.1072		
13	53			63						
14	54	5	6	56	4	0.25	8.5	0.9294	34	3.71768
15	54			60						
16	54			57						
17	54			55						
18	54			62						
19	55	7	7	56	6	0.17	7.143	0.8539	42.86	5.12323
20	55			51						
21	55			51						
22	55			56						
23	55			52						
24	55			57						
25	55			56						
26	56	6	8	47	5	0.2	36.8	1.5658	184	7.82924
27	56			62						
28	56			64						
29	56			60						
30	56			60						
31	56			61						
32	57	14	9	67	13	0.08	22.68	1.3557	294.9	17.6237
33	57			66						
34	57			67						
35	57			67						
36	57			59						
37	57			56						
38	57			65						
39	57			61						

40	57			54						
41	57			60						
42	57			60						
43	57			55						
44	57			60						
45	57			67						
46	58	10	10	58	9	0.11	42.32	1.6266	380.9	14.6391
47	58			58						
48	58			63						
49	58			57						
50	58			57						
51	58			59						
52	58			56						
53	58			62						
54	58			47						
55	58			42						
56	59	18	11	49	17	0.06	14.84	1.1714	252.3	19.9143
57	59			53						
58	59			63						
59	59			59						
60	59			60						
61	59			62						
62	59			60						
63	59			58						
64	59			64						
65	59			56						
66	59			61						
67	59			54						
68	59			60						
69	59			58						
70	59			58						
71	59			63						
72	59			57						
73	59			56						
74	60	16	12	56	15	0.07	40.53	1.6078	608	24.1172
75	60			61						
76	60			59						
77	60			55						
78	60			60						
79	60			60						
80	60			52						
81	60			58						
82	60			63						
83	60			68						
84	60			65						
85	60			67						

86	60			52						
87	60			54						
88	60			43						
89	60			55						
90	61	22	13	52	21	0.05	40.52	1.6077	851	33.7614
91	61			50						
92	61			52						
93	61			42						
94	61			60						
95	61			55						
96	61			60						
97	61			50						
98	61			62						
99	61			65						
100	61			57						
101	61			57						
102	61			62						
103	61			47						
104	61			48						
105	61			62						
106	61			59						
107	61			48						
108	61			54						
109	61			48						
110	61			64						
111	61			55						
112	62	16	14	49	15	0.07	26	1.415	390	21.2246
113	62			64						
114	62			64						
115	62			55						
116	62			62						
117	62			56						
118	62			54						
119	62			57						
120	62			56						
121	62			52						
122	62			49						
123	62			62						
124	62			59						
125	62			65						
126	62			60						
127	62			56						
128	63	9	15	52	8	0.13	23.86	1.3777	190.9	11.0215
129	63			49						
130	63			46						

131	63			54						
132	63			53						
133	63			47						
134	63			48						
135	63			60						
136	63			58						
137	64	17	16	63	16	0.06	12.93	1.1117	206.9	17.7876
138	64			63						
139	64			66						
140	64			60						
141	64			59						
142	64			57						
143	64			54						
144	64			58						
145	64			52						
146	64			60						
147	64			58						
148	64			58						
149	64			63						
150	64			59						
151	64			58						
152	64			60						
153	64			54						
154	65	15	17	60	14	0.07	15.1	1.1788	211.3	16.5038
155	65			52						
156	65			54						
157	65			58						
158	65			64						
159	65			60						
160	65			55						
161	65			61						
162	65			58						
163	65			58						
164	65			58						
165	65			59						
166	65			65						
167	65			65						
168	65			63						
169	66	13	18	57	12	0.08	40.41	1.6065	484.9	19.2779
170	66			62						
171	66			49						
172	66			45						
173	66			59						
174	66			59						
175	66			63						

176	66			60						
177	66			57						
178	66			59						
179	66			64						
180	66			51						
181	66			68						
182	67	15	19	56	14	0.07	30.24	1.4806	423.3	20.7278
183	67			57						
184	67			45						
185	67			52						
186	67			59						
187	67			62						
188	67			61						
189	67			63						
190	67			61						
191	67			55						
192	67			56						
193	67			50						
194	67			47						
195	67			59						
196	67			52						
197	68	14	20	56	13	0.08	14.69	1.1669	190.9	15.1701
198	68			58						
199	68			56						
200	68			61						
201	68			63						
202	68			60						
203	68			56						
204	68			56						
205	68			56						
206	68			66						
207	68			53						
208	68			52						
209	68			60						
210	68			60						
211	69	6	21	56	5	0.2	3.2	0.5051	16	2.52575
212	69			54						
213	69			58						
214	69			54						
215	69			55						
216	69			53						
217	70	10	22	57	9	0.11	19.83	1.2974	178.5	11.6766
218	70			56						
219	70			56						
220	70			59						

221	70			53						
222	70			53						
223	70			54						
224	70			54						
225	70			48						
226	70			65						
227	71	6	23	64	5	0.2	18.27	1.2617	91.33	6.3083
228	71			65						
229	71			59						
230	71			55						
231	71			55						
232	71			60						
233	72	4	24	59	3	0.33	36.92	1.5672	110.8	4.70167
234	72			64						
235	72			54						
236	72			50						
237	73	3	25	51	2	0.5	17.33	1.2389	34.67	2.47776
238	73			59						
239	73			57						
240	74	3	26	62	2	0.5	129.3	2.1117	258.7	4.22342
241	74			68						
242	74			46						
243	76	1	27	51						
∑	15174	243	27	13894	242	0	843.1	34.235	5764	290.663

Lampiran 20

Perhitungan Uji Homogenitas Varians Y atas X

1. Varians gabungan dari semua sampel

   $= \frac{\sum dk\,(s^2)}{\sum dk}$

   $= \frac{5764}{242}$

   = 23,818

2. Harga satuan B

   B = log s^2 × $\sum dk$

   = log 23,818 × 242

   = 4.376 × 242

   = 1058.992

3. Perhitungan Uji Barlett

   X^2 = ln 10 × {B - ($\sum dk$.log s^2)}

   = 2.303 × (1058.992 – 290.663)

   = 2.303 × 768.329

   = 1.769.461

4. Kriteria Pengujian

   Ho : ditolak jika $x^2_{hitung} \geq x^2_{tabel}$

   Ho : diterima jika $x^2_{hitung} < x^2_{tabel}$

5. Kesimpulan

   Berdasarkan tabel Chi Kuadrat dengan α = 0,05 dan derajat kebebasan dk - 1 = 243 – 1 = 242 diperoleh x^2_{tabel} = 279.287.644, maka x^2_{hitung} = 1.769.461 < x^2_{tabel} = 279.287.644. Hal tersebut menunjukan bahwa $x^2_{hitung} < x^2_{tabel}$ sehingga dapat disimpulkan bahwa data memiliki varians yang homogen.

Lampiran 21

Perhitungan JK (G)

Responden	K	n	X	Y	Y^2	$(\sum Y)^2$	$\frac{(\sum Y)^2}{nK}$	$\left(\sum Y^2 - \frac{(\sum Y)^2}{nK}\right)$	X	Y	XY
1	1	2	48	56	3136	5945	2972.5	2972.5	61	56	3416
2			48	53	2809				60	53	3180
3	2	1	49	55	3025				59	55	3245
4	3	4	50	62	3844	13457	3364.25	10092.75	66	62	4092
5			50	64	4096				67	64	4288
6			50	51	2601				62	51	3162
7			50	54	2916				59	54	3186
8	4	4	52	65	4225	11341	2835.25	8505.75	61	65	3965
9			52	50	2500				56	50	2800
10			52	50	2500				52	50	2600
11			52	46	2116				55	46	2530
12	5	2	53	47	2209	6178	3089	3089	55	47	2585
13			53	63	3969				70	63	4410
14	6	5	54	56	3136	16854	3370.8	13483.2	62	56	3472
15			54	60	3600				65	60	3900
16			54	57	3249				60	57	3420
17			54	55	3025				61	55	3355
18			54	62	3844				68	62	4216
19	7	7	55	56	3136	20563	2937.57	17625.4286	64	56	3584
20			55	51	2601				59	51	3009
21			55	51	2601				59	51	3009
22			55	56	3136				60	56	3360
23			55	52	2704				59	52	3068
24			55	57	3249				62	57	3534
25			55	56	3136				64	56	3584
26	8	6	56	47	2209	21070	3511.67	17558.3333	55	47	2585
27			56	62	3844				65	62	4030
28			56	64	4096				65	64	4160
29			56	60	3600				66	60	3960
30			56	60	3600				63	60	3780
31			56	61	3721				63	61	3843
32	9	14	57	67	4489	53616	3829.71	49786.2857	73	67	4891
33			57	66	4356				72	66	4752
34			57	67	4489				67	67	4489
35			57	67	4489				68	67	4556
36			57	59	3481				64	59	3776
37			57	56	3136				62	56	3472
38			57	65	4225				61	65	3965
39			57	61	3721				64	61	3904
40			57	54	2916				55	54	2970
41			57	60	3600				65	60	3900
42			57	60	3600				61	60	3660
43			57	55	3025				61	55	3355
44			57	60	3600				65	60	3900
45			57	67	4489				70	67	4690

46	10	10	58	58	3364	31629	3162.9	28466.1	61	58	3538
47			58	58	3364				59	58	3422
48			58	63	3969				71	63	4473
49			58	57	3249				70	57	3990
50			58	57	3249				66	57	3762
51			58	59	3481				61	59	3599
52			58	56	3136				67	56	3752
53			58	62	3844				63	62	3906
54			58	47	2209				59	47	2773
55			58	42	1764				48	42	2016
56	11	18	59	49	2401	61619	3423.28	58195.7222	56	49	2744
57			59	53	2809				60	53	3180
58			59	63	3969				70	63	4410
59			59	59	3481				68	59	4012
60			59	60	3600				68	60	4080
61			59	62	3844				61	62	3782
62			59	60	3600				71	60	4260
63			59	58	3364				67	58	3886
64			59	64	4096				66	64	4224
65			59	56	3136				62	56	3472
66			59	61	3721				66	61	4026
67			59	54	2916				56	54	3024
68			59	60	3600				69	60	4140
69			59	58	3364				58	58	3364
70			59	58	3364				60	58	3480
71			59	63	3969				62	63	3906
72			59	57	3249				62	57	3534
73			59	56	3136				57	56	3192
74	12	16	60	56	3136	54432	3402	51030	59	56	3304
75			60	61	3721				66	61	4026
76			60	59	3481				64	59	3776
77			60	55	3025				64	55	3520
78			60	60	3600				61	60	3660
79			60	60	3600				71	60	4260
80			60	52	2704				61	52	3172
81			60	58	3364				60	58	3480
82			60	63	3969				64	63	4032
83			60	68	4624				72	68	4896
84			60	65	4225				68	65	4420
85			60	67	4489				68	67	4556
86			60	52	2704				61	52	3172
87			60	54	2916				57	54	3078
88			60	43	1849				61	43	2623
89			60	55	3025				63	55	3465
90	13	22	61	52	2704	67291	3058.68	64232.3182	54	52	2808
91			61	50	2500				59	50	2950
92			61	52	2704				60	52	3120
93			61	42	1764				48	42	2016
94			61	60	3600				62	60	3720
95			61	55	3025				65	55	3575
96			61	60	3600				68	60	4080
97			61	50	2500				50	50	2500
98			61	62	3844				69	62	4278
99			61	65	4225				70	65	4550
100			61	57	3249				65	57	3705
101			61	57	3249				67	57	3819

102			61	62	3844				67	62	4154
103			61	47	2209				58	47	2726
104			61	48	2304				54	48	2592
105			61	62	3844				68	62	4216
106			61	59	3481				66	59	3894
107			61	48	2304				52	48	2496
108			61	54	2916				57	54	3078
109			61	48	2304				55	48	2640
110			61	64	4096				71	64	4544
111			61	55	3025				56	55	3080
112	14	16	62	49	2401	53290	3330.63	49959.375	52	49	2548
113			62	64	4096				67	64	4288
114			62	64	4096				68	64	4352
115			62	55	3025				60	55	3300
116			62	62	3844				66	62	4092
117			62	56	3136				59	56	3304
118			62	54	2916				59	54	3186
119			62	57	3249				54	57	3078
120			62	56	3136				64	56	3584
121			62	52	2704				65	52	3380
122			62	49	2401				56	49	2744
123			62	62	3844				62	62	3844
124			62	59	3481				64	59	3776
125			62	65	4225				66	65	4290
126			62	60	3600				70	60	4200
127			62	56	3136				62	56	3472
128	15	9	63	52	2704	24423	2713.67	21709.3333	57	52	2964
129			63	49	2401				58	49	2842
130			63	46	2116				57	46	2622
131			63	54	2916				57	54	3078
132			63	53	2809				60	53	3180
133			63	47	2209				50	47	2350
134			63	48	2304				50	48	2400
135			63	60	3600				62	60	3720
136			63	58	3364				57	58	3306
137	16	17	64	63	3969	59266	3486.24	55779.7647	73	63	4599
138			64	63	3969				74	63	4662
139			64	66	4356				72	66	4752
140			64	60	3600				70	60	4200
141			64	59	3481				69	59	4071
142			64	57	3249				66	57	3762
143			64	54	2916				64	54	3456
144			64	58	3364				70	58	4060
145			64	52	2704				57	52	2964
146			64	60	3600				63	60	3780
147			64	58	3364				66	58	3828
148			64	58	3364				64	58	3712
149			64	63	3969				72	63	4536
150			64	59	3481				66	59	3894
151			64	58	3364				71	58	4118
152			64	60	3600				67	60	4020
153			64	54	2916				64	54	3456
154	17	15	65	60	3600	53018	3534.53	49483.4667	61	60	3660
155			65	52	2704				52	52	2704

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156			65	54	2916				64	54	3456
157			65	58	3364				60	58	3480
158			65	64	4096				63	64	4032
159			65	60	3600				57	60	3420
160			65	55	3025				59	55	3245
161			65	61	3721				60	61	3660
162			65	58	3364				65	58	3770
163			65	58	3364				61	58	3538
164			65	58	3364				67	58	3886
165			65	59	3481				68	59	4012
166			65	65	4225				74	65	4810
167			65	65	4225				70	65	4550
168			65	63	3969				62	63	3906
169	18	13	66	57	3249	44101	3392.38	40708.6154	60	57	3420
170			66	62	3844				68	62	4216
171			66	49	2401				58	49	2842
172			66	45	2025				56	45	2520
173			66	59	3481				67	59	3953
174			66	59	3481				63	59	3717
175			66	63	3969				67	63	4221
176			66	60	3600				68	60	4080
177			66	57	3249				58	57	3306
178			66	59	3481				67	59	3953
179			66	64	4096				69	64	4416
180			66	51	2601				59	51	3009
181			66	68	4624				67	68	4556
182	19	15	67	56	3136	46905	3127	43778	65	56	3640
183			67	57	3249				62	57	3534
184			67	45	2025				50	45	2250
185			67	52	2704				54	52	2808
186			67	59	3481				64	59	3776
187			67	62	3844				69	62	4278
188			67	61	3721				69	61	4209
189			67	63	3969				70	63	4410
190			67	61	3721				68	61	4148
191			67	55	3025				58	55	3190
192			67	56	3136				58	56	3248
193			67	50	2500				53	50	2650
194			67	47	2209				49	47	2303
195			67	59	3481				62	59	3658
196			67	52	2704				55	52	2860
197	20	14	68	56	3136	47403	3385.93	44017.0714	73	56	4088
198			68	58	3364				65	58	3770
199			68	56	3136				65	56	3640
200			68	61	3721				64	61	3904
201			68	63	3969				59	63	3717
202			68	60	3600				68	60	4080
203			68	56	3136				55	56	3080
204			68	56	3136				65	56	3640
205			68	56	3136				57	56	3192
206			68	66	4356				61	66	4026
207			68	53	2809				54	53	2862
208			68	52	2704				74	52	3848
209			68	60	3600				62	60	3720
210			68	60	3600				62	60	3720

211	21	6	69	56	3136	18166	3027.67	15138.3333	63	56	3528
212			69	54	2916				60	54	3240
213			69	58	3364				60	58	3480
214			69	54	2916				57	54	3078
215			69	55	3025				58	55	3190
216			69	53	2809				60	53	3180
217	22	10	70	57	3249	30981	3098.1	27882.9	59	57	3363
218			70	56	3136				59	56	3304
219			70	56	3136				58	56	3248
220			70	59	3481				65	59	3835
221			70	53	2809				61	53	3233
222			70	53	2809				61	53	3233
223			70	54	2916				59	54	3186
224			70	54	2916				61	54	3294
225			70	48	2304				53	48	2544
226			70	65	4225				64	65	4160
227	23	6	71	64	4096	21452	3575.33	17876.6667	63	64	4032
228			71	65	4225				61	65	3965
229			71	59	3481				65	59	3835
230			71	55	3025				61	55	3355
231			71	55	3025				57	55	3135
232			71	60	3600				58	60	3480
233	24	4	72	59	3481	12993	3248.25	9744.75	61	59	3599
234			72	64	4096				71	64	4544
235			72	54	2916				57	54	3078
236			72	50	2500				59	50	2950
237	25	3	73	51	2601	9331	3110.33	6220.66667	64	51	3264
238			73	59	3481				66	59	3894
239			73	57	3249				67	57	3819
240	26	3	74	62	3844	10584	3528	7056	67	62	4154
241			74	68	4624				76	68	5168
242			74	46	2116				60	46	2760
243	27	1	76	51	2601				57	51	2907
∑	27	243	15174	13894	801534	795908	81515.7	714392.331	15174	13894	872928

Lampiran 22

Perhitungan Uji Linieritas

1. Mencari Jumlah Kuadrat Error JK (G)

   JK (G) $= \sum \{ \sum Y^2 - \frac{(\sum Y)^2}{nK} \}$

   = 714392.331 (Lihat tabel perhitungan JK (G)

2. Mencari Jumlah Kuadrat Total

   JK (TC) $= \sum Y^2$

   = 801534

3. Mencari Jumlah Kuadrat (a)

   JK (a) $= \frac{(\sum Y)^2}{n}$

   $= \frac{193{,}043{,}236}{243}$

   = 794416.609

4. Mencari Jumlah Kuadrat (b/a)

   JK (b/a) $= b \left(\sum xy - \left(\frac{(\sum x)(\sum y)}{n}\right)\right.$

   $= 0{,}719 \left(872928 - \left(\frac{(15174)(13894)}{243}\right)\right.$

   = 0,719 (872928 – 867603.11)

   = 0,719 (5324.889)

= 3828.595

5. Mencari Jumlah Kuadrat Sisa

   JK (S) = JK (T) – JK (a) – JK (b/a)

   = 801534 – 794416.609 – 3828.595

   = 3288.796

6. Mencari Jumlah Kuadrat Cocok

   JK (TC) = JK (S) – JK (G)

   = 3288.796 – 714392.331

   = -711103.535

7. Mencari Derajat Kebebasan

   dk (S) = n – 2

   = 243 – 2

   = 241

8. Mencari Kebebasan Tuna Cocok

   dk (TC) = K – 2

   = 27 – 2

   = 25

9. Mencari Kebebasan Galat

   dk (G) = n – K

   = 243 – 27

   = 216

10. Mencari Mean Kuadrat Total

MK (T) $= \frac{\text{JK (T)}}{\text{N}}$

$= \frac{801534}{243}$

= 3,298

11. Mencari Mean Kuadrat Sisa

MK (S) $= \frac{\text{JK (S)}}{\text{dk (s)}}$

$= \frac{3288.796}{241}$

= 13.646

12. Mencari Mean Kuadrat Tuna Cocok

MK (TC) $= \frac{\text{JK (TC)}}{\text{dk (TC)}}$

$= \frac{-711103.535}{25}$

= -28.444

13. Mencari Mean Kuadrat Galat

MK (G) $= \frac{\text{JK (G)}}{\text{dk (G)}}$

$= \frac{714392.331}{216}$

= 3.307.371

14. Kriteria Pengujian

Terima Ho jika $F_{hitung} < F_{tabel}$ maka regresi linier

Tolak Ho jika $F_{hitung} > F_{tabel}$ maka regresi tidak linier

15. Pengujian

$$F_{hitung} = \frac{\text{MK (TC)}}{\text{MK (G)}}$$

$$= \frac{-28.444}{3.307.371}$$

= -8.6

16. Kesimpulan

Berdasarkan hasil perhitungan di atas F_{hitung} = -8.600. Berdasarkan α = 0,05 dengan pembilang 25 penyebut 216 dihasilkan F_{tabel} = 1.557 sehingga menunjukkan F_{hitung} = -8.6 < F_{tabel} = 1.557. Maka dapat disimpulkan bahwa regresi Y atas X adalah linier.

Lampiran 23

Perhitungan Uji Signifikansi Regresi

1. Mencari Jumlah Kuadrat Total

   JK (T) $= \sum Y^2$

   $= 801534$

2. Mencari Jumlah Kuadrat (a)

   JK (a) $= \frac{(\sum Y)^2}{n}$

   $= \frac{193043236}{243}$

   $= 794416.609$

3. Mencari Jumlah Kuadrat (b/a)

   JK (b/a) $= b\ (\sum xy - (\frac{(\sum x)(\sum y)}{n})$

   $= 0{,}719\ (872928 - (\frac{(15174)(13894)}{243})$

   $= 0{,}719\ (872928 - 867603.11)$

   $= 0{,}719\ (5324.889)$

= 3828.595

4. Mencari Jumlah Kuadrat Residu

   JK (S) = JK (T) – JK (a) – JK (b/a)

   = 801534 – 794416.609 – 3828.595

   = 3288.796

5. Mencari Derajat Kebebasan

   dk (t) = n = 243

   dk (a) = 1

   dk (b/a) = 1

   dk (s) = n – 2

   = 243 - 2 = 241

6. Mencari Mean Jumlah Kuadrat

   MJK (b/a) $= \frac{\text{JK } (\frac{b}{a})}{\text{dk } (\frac{b}{a})}$

   $= \frac{3828.595}{1}$

   = 3828.595

   MJK (S) $= \frac{\text{JK } (S)}{\text{dk } (s)}$

$$= \frac{3288.796}{241}$$

$$= 13.646$$

7. Kriteria Pengujian

   Terima Ho jika $F_{hitung} > F_{tabel}$ maka regresi signifikan

   Tolak Ho jika $F_{hitung} < F_{tabel}$ maka regresi tidak signifikan

8. Pengujian

$$F_{hitung} = \frac{\text{MJK (b/a)}}{\text{MJK (S)}}$$

$$= \frac{3828.595}{13.646}$$

$$= 280.565$$

9. Kesimpulan

   Berdasarkan hasil perhitungan F_{hitung} = 280.565. Berdasarkan α = 0,05 dengan pembilang 1 penyebut n – 2 = 243 – 2 = 241 dihasilkan F_{tabel} = 3.880 sehingga menunjukan F_{hitung} = 280.565 > F_{tabel} = 3.880. Maka dengan demikian Ho ditolak dan dapat disimpulkan bahwa model persamaan regresi adalah signifikan.

Lampiran 24

Tabel Analisis Varians (ANAVA) untuk Uji Linieritas dan Uji Signifikansi

Sumber Varians	Dk	JK	RJK	F hitung	F tabel	Keterangan
Total	243	801534	-	280.565	3.88	Fo > Ft
Regresi (a)	1	794416.609	-			
Regresi (b/a)	1	3828.595	3828.595			
Residu (S)	241	3288.796	13.646			
Tuna Cocok	25	-711103.535	-28.444	-8.6	1.557	Fo < Ft
Galat Kekeliruan	216	714392.331	3307.371			

Lampiran 25

Perhitungan Koefisien Korelasi

n	= 243	$\sum X^2$	= 954930
$\sum XY$	= 872928	$\sum Y^2$	= 801534
$\sum X$	= 15174	$\sum (X)^2$	= 230250276
$\sum Y$	= 13894	$\sum (Y)^2$	= 193043236

$$\gamma_{xy} = \frac{n\sum xy - (\sum x)(\sum y)}{\sqrt{\{n\sum x^2 - (\sum x)^2\}\{n\sum y^2 - (\sum y)^2\}}}$$

$$= \frac{(243)(872928) - (15174)(13894)}{\sqrt{\{(243)(954930) - (230250276)\}\{(243)(801534) - (193043236)\}}}$$

$$= \frac{212121504-210827558}{\sqrt{(232047990-230250276)(194772762-193043236)}}$$

$$= \frac{1293946}{\sqrt{(1797714)(1729526)}}$$

$$= \frac{1293946}{\sqrt{3109193103564}}$$

$$= \frac{1293946}{1763290.42}$$

= 0,733

Lampiran 26

Perhitungan Signifikansi Koefisien

n = 243 - 2 = 241

r = 0,773

$\sqrt{n-2} = \sqrt{241}$

= 15.524

$t_{hitung} = \frac{r\sqrt{n-2}}{\sqrt{1-r^2}}$

$1 - r^2$ = 1 – 0.537

= 0.463

$\sqrt{1-r^2}$ = 0.680

$= \frac{11.379}{0.680}$

= 16.733

t_{tabel} pada signifikansi α = 0,05 dengan dk 241 diperoleh hasil t_{tabel} = 1,651 dengan demikian menunjukkan bahwa t_{hitung} = 16.733 > t_{tabel} = 1.651 sehingga dapat disimpulkan bahwa terdapat hubungan yang signifikan.

Lampiran 27

Perhitungan Koefisien Determinasi

KD = r^2 × 100%

= $(0.733)^2$ × 100%

= 0.5372 x 100%

= 53.72%

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Lampiran 28

Tabel Lilliefors

Nilai Kritis L Untuk Uji Lilliefors

Ukuran	Taraf Nyata (α)				
Sampel (n)	0,01	0,05	0,10	0,15	0,20
4	0,417	0,381	0,352	0,319	0,300
5	0,405	0,337	0,315	0,299	0,285
6	0,364	0,319	0,294	0,277	0,265
7	0,348	0,300	0,276	0,258	0,247
8	0,331	0,285	0,261	0,244	0,233
9	0,311	0,271	0,249	0,233	0,223
10	0,294	0,258	0,239	0,224	0,215
11	0,284	0,249	0,230	0,217	0,206
12	0,275	0,242	0,223	0,212	0,199
13	0,268	0,234	0,214	0,202	0,190
14	0,261	0,227	0,207	0,194	0,183
15	0,257	0,220	0,201	0,187	0,177
16	0,250	0,213	0,195	0,182	0,173
17	0,245	0,206	0,189	0,177	0,169
18	0,239	0,200	0,184	0,173	0,166
19	0,235	0,195	0,179	0,169	0,163
20	0,231	0,190	0,174	0,166	0,160
25	0,200	0,173	0,158	0,147	0,142
30	0,187	0,161	0,144	0,136	0,131
> 30	$\frac{1,031}{\sqrt{n}}$	$\frac{0,886}{\sqrt{n}}$	$\frac{0,805}{\sqrt{n}}$	$\frac{0,768}{\sqrt{n}}$	$\frac{0,736}{\sqrt{n}}$

Sumber: Sudjana, *Metoda Statistika*, Bandung, Tarsito, 1989.

Lampiran 29

Tabel Chi-Square

dk	Taraf Signifikansi		
	0.01	0.05	0.1
1	6.634896601	3.841458821	2.705543454
2	9.210340372	5.991464547	4.605170186
3	11.34486673	7.814727903	6.251388631
4	13.27670414	9.487729037	7.77944034
5	15.08627247	11.07049769	9.2363569
6	16.81189383	12.59158724	10.64464068
7	18.47530691	14.06714045	12.01703662
8	20.09023503	15.50731306	13.36156614
9	21.66599433	16.9189776	14.68365657
10	23.20925116	18.30703805	15.98717917
11	24.72497031	19.67513757	17.27500852
12	26.21696731	21.02606982	18.54934779
13	27.68824961	22.36203249	19.81192931
14	29.14123774	23.6847913	21.06414421
15	30.57791417	24.99579014	22.30712958
16	31.99992691	26.2962276	23.54182892
17	33.40866361	27.58711164	24.76903534
18	34.80530573	28.86929943	25.98942308
19	36.19086913	30.14352721	27.20357103
20	37.56623479	31.41043284	28.41198058
21	38.93217268	32.67057334	29.61508944
22	40.28936044	33.92443847	30.81328234
23	41.63839812	35.17246163	32.00689968
24	42.97982014	36.4150285	33.19624429
25	44.3141049	37.65248413	34.38158702
26	45.64168267	38.88513866	35.56317127
27	46.96294212	40.11327207	36.74121675
28	48.27823577	41.33713815	37.91592254
29	49.58788447	42.5569678	39.08746977
30	50.89218131	43.77297183	40.25602374
31	52.19139483	44.98534328	41.42173583
32	53.48577184	46.19425952	42.58474508
33	54.77553976	47.39988392	43.74517956
34	56.06090875	48.60236737	44.90315752
35	57.34207343	49.80184957	46.05878844
36	58.6192145	50.99846017	47.21217389
37	59.89250005	52.19231973	48.36340835
38	61.16208676	53.38354062	49.51257983
39	62.42812102	54.57222776	50.65977049

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40	63.69073975	55.75847928	51.80505721
41	64.95007134	56.94238715	52.948512
42	66.20623628	58.12403768	54.09020245
43	67.45934792	59.30351203	55.23019209
44	68.70951297	60.48088658	56.36854073
45	69.95683207	61.65623338	57.50530474
46	71.20140025	62.82962041	58.64053738
47	72.44330738	64.00111197	59.77428893
48	73.68263852	65.1707689	60.90660703
49	74.91947431	66.33864886	62.03753679
50	76.15389125	67.50480655	63.16712101
51	77.38596202	68.66929391	64.29540034
52	78.61575572	69.83216034	65.42241341
53	79.84333812	70.99345283	66.54819701
54	81.06877191	72.15321617	67.67278616
55	82.29211683	73.31149303	68.79621424
56	83.51342993	74.46832416	69.91851312
57	84.73276571	75.62374847	71.03971325
58	85.95017625	76.77780316	72.1598437
59	87.1657114	77.93052381	73.27893231
60	88.3794189	79.08194449	74.39700572
61	89.59134449	80.23209785	75.51408946
62	90.80153203	81.38101519	76.630208
63	92.01002361	82.52872654	77.74538484
64	93.21685966	83.67526074	78.8596425
65	94.42207901	84.8206455	79.97300265
66	95.625719	85.96490744	81.08548613
67	96.82781556	87.1080722	82.19711294
68	98.02840328	88.25016442	83.30790238
69	99.22751547	89.39120787	84.41787301
70	100.4251842	90.53122543	85.52704271
71	101.6214405	91.67023918	86.63542875
72	102.8163142	92.80827038	87.74304775
73	104.0098341	93.9453396	88.84991577
74	105.202028	95.08146667	89.95604832
75	106.3929229	96.21667075	91.06146037
76	107.5825448	97.35097038	92.16616641
77	108.7709187	98.48438346	93.27018043
78	109.9580691	99.61692732	94.37351596
79	111.1440194	100.7486187	95.47618613
80	112.3287925	101.879474	96.57820362
81	113.5124105	103.0095087	97.67958071
82	114.6948947	104.1387382	98.78032932
83	115.8762659	105.2671773	99.880461
84	117.0565442	106.3948402	100.9799869
85	118.2357493	107.521741	102.078918

86	119.4138999	108.647893	103.1772647
87	120.5910145	109.7733094	104.2750373
88	121.767111	110.8980028	105.3722458
89	122.9422068	112.0219857	106.4688997
90	124.1163187	113.1452701	107.5650085
91	125.2894631	114.2678677	108.6605813
92	126.461656	115.3897897	109.755627
93	127.6329129	116.5110473	110.8501542
94	128.8032489	117.6316511	111.9441712
95	129.9726787	118.7516118	113.0376863
96	131.1412167	119.8709393	114.1307074
97	132.3088767	120.9896437	115.2232422
98	133.4756723	122.1077346	116.3152984
99	134.6416169	123.2252215	117.4068832
100	135.8067232	124.3421134	118.4980038
101	136.9710038	125.4584194	119.5886672
102	138.1344711	126.5741482	120.6788803
103	139.297137	127.6893083	121.7686496
104	140.4590132	128.8039079	122.8579817
105	141.620111	129.9179553	123.9468828
106	142.7804416	131.0314583	125.0353592
107	143.9400159	132.1444245	126.1234169
108	145.0988444	133.2568617	127.2110618
109	146.2569375	134.3687771	128.2982996
110	147.4143054	135.4801779	129.3851359
111	148.5709579	136.5910712	130.4715763
112	149.7269047	137.7014639	131.557626
113	150.8821552	138.8113626	132.6432905
114	152.0367188	139.9207739	133.7285747
115	153.1906043	141.0297043	134.8134837
116	154.3438208	142.13816	135.8980224
117	155.4963768	143.2461473	136.9821957
118	156.6482808	144.353672	138.0660081
119	157.7995412	145.4607402	139.1494644
120	158.9501659	146.5673576	140.232569
121	160.100163	147.6735298	141.3153263
122	161.2495402	148.7792623	142.3977406
123	162.3983053	149.8845606	143.4798162
124	163.5464655	150.98943	144.5615573
125	164.6940283	152.0938757	145.6429678
126	165.8410009	153.1979027	146.7240517
127	166.9873901	154.3015162	147.804813

128	168.1332031	155.4047209	148.8852555
129	169.2784464	156.5075216	149.9653829
130	170.4231268	157.6099231	151.0451988
131	171.5672506	158.71193	152.124707
132	172.7108244	159.8135469	153.2039109
133	173.8538543	160.914778	154.282814
134	174.9963465	162.0156279	155.3614197
135	176.138307	163.1161008	156.4397313
136	177.2797417	164.2162009	157.5177521
137	178.4206565	165.3159322	158.5954853
138	179.5610569	166.4152989	159.6729341
139	180.7009486	167.514305	160.7501016
140	181.8403371	168.6129543	161.8269909
141	182.9792278	169.7112506	162.9036048
142	184.117626	170.8091977	163.9799464
143	185.2555368	171.9067993	165.0560185
144	186.3929655	173.0040591	166.131824
145	187.529917	174.1009806	167.2073656
146	188.6663962	175.1975673	168.2826461
147	189.802408	176.2938226	169.3576682
148	190.9379572	177.38975	170.4324345
149	192.0730484	178.4853527	171.5069476
150	193.2076864	179.5806342	172.5812101
151	194.3418755	180.6755974	173.6552245
152	195.4756204	181.7702457	174.7289932
153	196.6089252	182.8645822	175.8025188
154	197.7417945	183.9586098	176.8758034
155	198.8742323	185.0523317	177.9488497
156	200.006243	186.1457508	179.0216597
157	201.1378305	187.2388699	180.0942359
158	202.268999	188.3316921	181.1665804
159	203.3997524	189.42422	182.2386955
160	204.5300946	190.5164565	183.3105832
161	205.6600295	191.6084043	184.3822459
162	206.7895609	192.7000662	185.4536855
163	207.9186925	193.7914446	186.5249042
164	209.047428	194.8825424	187.5959039
165	210.1757711	195.973362	188.6666867
166	211.3037252	197.0639059	189.7372546
167	212.431294	198.1541768	190.8076094
168	213.5584808	199.2441769	191.8777532
169	214.685289	200.3339088	192.9476878
170	215.8117222	201.4233749	194.017415
171	216.9377834	202.5125774	195.0869368
172	218.0634761	203.6015187	196.1562548

173	219.1888034	204.6902011	197.225371
174	220.3137685	205.7786268	198.2942869
175	221.4383746	206.866798	199.3630045
176	222.5626246	207.954717	200.4315253
177	223.6865216	209.0423859	201.4998511
178	224.8100687	210.1298067	202.5679834
179	225.9332687	211.2169816	203.6359241
180	227.0561246	212.3039127	204.7036745
181	228.1786393	213.390602	205.7712365
182	229.3008155	214.4770515	206.8386114
183	230.4226561	215.5632632	207.9058009
184	231.5441639	216.649239	208.9728064
185	232.6653414	217.7349809	210.0396295
186	233.7861915	218.8204907	211.1062717
187	234.9067167	219.9057703	212.1727344
188	236.0269196	220.9908216	213.239019
189	237.1468029	222.0756464	214.3051271
190	238.266369	223.1602465	215.3710599
191	239.3856206	224.2446237	216.4368189
192	240.5045599	225.3287798	217.5024055
193	241.6231895	226.4127164	218.5678209
194	242.7415118	227.4964352	219.6330666
195	243.8595292	228.579938	220.6981438
196	244.977244	229.6632264	221.7630538
197	246.0946585	230.7463021	222.827798
198	247.211775	231.8291667	223.8923775
199	248.3285957	232.9118218	224.9567937
200	249.445123	233.9942689	226.0210477
201	250.5613589	235.0765096	227.0851408
202	251.6773058	236.1585456	228.1490743
203	252.7929656	237.2403782	229.2128492
204	253.9083406	238.322009	230.2764667
205	255.0234328	239.4034395	231.339928
206	256.1382443	240.4846711	232.4032343
207	257.2527772	241.5657054	233.4663867
208	258.3670334	242.6465436	234.5293863
209	259.481015	243.7271874	235.5922342
210	260.5947239	244.8076379	236.6549315
211	261.7081621	245.8878967	237.7174793
212	262.8213315	246.9679651	238.7798786
213	263.934234	248.0478444	239.8421304
214	265.0468715	249.127536	240.904236
215	266.1592459	250.2070412	241.9661961
216	267.2713589	251.2863613	243.028012
217	268.3832124	252.3654975	244.0896845
218	269.4948082	253.4444512	245.1512147
219	270.6061481	254.5232236	246.2126036
220	271.7172337	255.601816	247.273852

221	272.828067	256.6802295	248.3349611
222	273.9386494	257.7584655	249.3959317
223	275.0489829	258.836525	250.4567647
224	276.1590689	259.9144094	251.5174611
225	277.2689093	260.9921196	252.5780218
226	278.3785056	262.069657	253.6384478
227	279.4878594	263.1470227	254.6987398
228	280.5969724	264.2242178	255.7588989
229	281.7058461	265.3012434	256.8189258
230	282.8144821	266.3781007	257.8788215
231	283.9228819	267.4547907	258.9385867
232	285.0310471	268.5313145	259.9982224
233	286.1389793	269.6076732	261.0577294
234	287.2466798	270.6838679	262.1171085
235	288.3541502	271.7598996	263.1763605
236	289.461392	272.8357694	264.2354863
237	290.5684065	273.9114783	265.2944866
238	291.6751954	274.9870272	266.3533622
239	292.7817598	276.0624173	267.412114
240	293.8881014	277.1376495	268.4707427
241	294.9942214	278.2127249	269.5292491
242	296.1001213	279.2876443	270.5876339
243	297.2058024	280.3624087	271.6458979
244	298.3112661	281.4370192	272.7040419
245	299.4165136	282.5114766	273.7620665
246	300.5215464	283.5857819	274.8199726
247	301.6263657	284.659936	275.8777608
248	302.7309729	285.7339399	276.9354318
249	303.8353691	286.8077944	277.9929864
250	304.9395557	287.8815005	279.0504253

Lampiran 30

Penentuan Jumlah Sampel dari Populasi Tertentu dengan Taraf Kesalahan 1%, 5%, dan 10%

N	s			N	s			N	s		
	1%	5%	10%		1%	5%	10 %		1%	5%	10%
10	10	10	10	280	197	155	138	2800	537	310	247
15	15	14	14	290	202	158	140	3000	543	312	248
20	19	19	19	300	207	161	143	3500	558	317	251
25	24	23	23	320	216	167	147	4000	569	320	254
30	29	28	27	340	225	172	151	4500	578	323	255
35	33	32	31	360	234	177	155	5000	586	326	257
40	38	36	35	380	242	182	158	6000	598	329	259
45	42	40	39	400	250	186	162	7000	606	332	261
50	47	44	42	420	257	191	165	8000	613	334	263
55	51	48	46	440	265	195	168	9000	618	335	263
60	55	51	49	460	272	198	171	10000	622	336	263
65	59	55	53	480	279	202	173	15000	635	340	266
70	63	58	56	500	285	205	176	20000	642	342	267
75	67	62	59	550	301	213	182	30000	649	344	268
80	71	65	62	600	315	221	187	40000	563	345	269
85	75	68	65	650	329	227	191	50000	655	346	269
90	79	72	68	700	341	233	195	75000	658	346	270
95	83	75	71	750	352	238	199	100000	659	347	270
100	87	78	73	800	363	243	202	150000	661	347	270
110	94	84	78	850	373	247	205	200000	661	347	270
120	102	89	83	900	382	251	208	250000	662	348	270
130	109	95	88	950	391	255	211	300000	662	348	270
140	116	100	92	1000	399	258	213	350000	662	348	270
150	122	105	97	1100	414	265	217	400000	662	348	270
160	129	110	101	1200	427	270	221	450000	663	348	270
170	135	114	105	1300	440	275	224	500000	663	348	270
180	142	119	108	1400	450	279	227	550000	663	348	270
190	148	123	112	1500	460	283	229	600000	663	348	270
200	154	127	115	1600	469	286	232	650000	663	348	270
210	160	131	118	1700	477	289	234	700000	663	348	270
220	165	135	122	1800	485	292	235	750000	663	348	270
230	171	139	125	1900	492	294	237	800000	663	348	271
240	176	142	127	2000	498	297	238	850000	663	348	271
250	182	146	130	2200	510	301	241	900000	663	348	271
260	187	149	133	2400	520	304	243	950000	663	348	271
270	192	152	135	2600	529	307	245	1000000	663	348	271
								∞	664	349	272

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