

Lampiran 3
Data Responden Penelitian

RESP.	Sekolah	JENIS KELAMIN	USIA	LAMA BEKERJA	PENDIDIKAN TERAKHIR
1	SMP Negeri 11 Jakarta	Laki-laki	39	8	S1
2	SMP Negeri 11 Jakarta	Perempuan	41	6	S2
3	SMP Negeri 11 Jakarta	Laki-laki	45	18	S2
4	SMP Negeri 11 Jakarta	Perempuan	46	8	S1
5	SMP Negeri 11 Jakarta	Perempuan	47	19	S1
6	SMP Negeri 11 Jakarta	Perempuan	47	8	S1
7	SMP Negeri 11 Jakarta	Laki-laki	48	22	S2
8	SMP Negeri 11 Jakarta	Perempuan	48	7	S2
9	SMP Negeri 11 Jakarta	Perempuan	50	27	S2
10	SMP Negeri 11 Jakarta	Perempuan	50	21	S1
11	SMP Negeri 12 Jakarta	Perempuan	42	18	S2
12	SMP Negeri 12 Jakarta	Perempuan	43	17	S1
13	SMP Negeri 12 Jakarta	Perempuan	47	21	S1
14	SMP Negeri 12 Jakarta	Perempuan	50	27	S1
15	SMP Negeri 12 Jakarta	Perempuan	50	28	S1
16	SMP Negeri 12 Jakarta	Perempuan	55	33	D3
17	SMP Negeri 12 Jakarta	Perempuan	56	18	S1
18	SMP Negeri 12 Jakarta	Perempuan	56	35	S1
19	SMP Negeri 12 Jakarta	Perempuan	56	26	S1
20	SMP Negeri 12 Jakarta	Perempuan	56	27	S1
21	SMP Negeri 13 Jakarta	Laki-laki	46	19	S1
22	SMP Negeri 13 Jakarta	Perempuan	47	16	S1
23	SMP Negeri 13 Jakarta	Perempuan	48	21	S1
24	SMP Negeri 13 Jakarta	Perempuan	50	22	S1
25	SMP Negeri 13 Jakarta	Perempuan	50	18	S1
26	SMP Negeri 13 Jakarta	Perempuan	51	22	S1
27	SMP Negeri 13 Jakarta	Laki-laki	55	31	S2
28	SMP Negeri 13 Jakarta	Laki-laki	56	33	D2
29	SMP Negeri 13 Jakarta	Perempuan	56	33	S1
30	SMP Negeri 19 Jakarta	Laki-laki	56	35	S2
31	SMP Negeri 19 Jakarta	Perempuan	41	10	S1
32	SMP Negeri 19 Jakarta	Perempuan	42	15	S1
33	SMP Negeri 19 Jakarta	Perempuan	44	17	S2
34	SMP Negeri 19 Jakarta	Laki-laki	46	18	S1
35	SMP Negeri 19 Jakarta	Laki-laki	47	19	S2
36	SMP Negeri 19 Jakarta	Laki-laki	48	14	S1
37	SMP Negeri 19 Jakarta	Perempuan	48	21	S1

RESP.	Sekolah	JENIS KELAMIN	USIA	LAMA BEKERJA	PENDIDIKAN TERAKHIR
38	SMP Negeri 19 Jakarta	Perempuan	49	25	S1
39	SMP Negeri 19 Jakarta	Perempuan	49	27	S2
40	SMP Negeri 19 Jakarta	Laki-laki	49	18	S1
41	SMP Negeri 19 Jakarta	Perempuan	46	25	S1
42	SMP Negeri 240 Jakarta	Laki-laki	49	25	S1
43	SMP Negeri 240 Jakarta	Perempuan	50	25	D3
44	SMP Negeri 240 Jakarta	Laki-laki	51	27	S1
45	SMP Negeri 240 Jakarta	Perempuan	51	27	S1
46	SMP Negeri 240 Jakarta	Perempuan	51	23	D3
47	SMP Negeri 240 Jakarta	Laki-laki	53	23	S1
48	SMP Negeri 240 Jakarta	Perempuan	54	32	S1
49	SMP Negeri 240 Jakarta	Laki-laki	54	30	S1
50	SMP Negeri 250 Jakarta	Perempuan	55	33	S2
51	SMP Negeri 250 Jakarta	Perempuan	43	17	S1
52	SMP Negeri 250 Jakarta	Perempuan	44	18	S1
53	SMP Negeri 250 Jakarta	Perempuan	45	19	S1
54	SMP Negeri 250 Jakarta	Perempuan	48	27	S1
55	SMP Negeri 250 Jakarta	Perempuan	49	28	S1
56	SMP Negeri 250 Jakarta	Perempuan	50	27	S1
57	SMP Negeri 250 Jakarta	Perempuan	50	23	S1
58	SMP Negeri 250 Jakarta	Perempuan	52	28	S1
59	SMP Negeri 29 Jakarta	Perempuan	52	32	S1
60	SMP Negeri 29 Jakarta	Perempuan	54	30	S1
61	SMP Negeri 29 Jakarta	Perempuan	42	18	S1
62	SMP Negeri 29 Jakarta	Perempuan	43	19	S1
63	SMP Negeri 29 Jakarta	Laki-laki	44	18	S1
64	SMP Negeri 29 Jakarta	Perempuan	44	19	S1
65	SMP Negeri 29 Jakarta	Perempuan	45	18	S1
66	SMP Negeri 29 Jakarta	Perempuan	47	21	S1
67	SMP Negeri 29 Jakarta	Perempuan	47	18	S1
68	SMP Negeri 29 Jakarta	Perempuan	48	21	S2
69	SMP Negeri 29 Jakarta	Laki-laki	48	13	S1
JUMLAH					69 Guru

Lampiran 4
Uji Validitas Instrumen Variabel X
Kompensasi

Responden	Butir Soal																							
	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	5	5	5	5	1	5	4	5	4	5	5	5	5	5	5	1	5	3	5	5	2	5	1	1
2	4	4	4	5	1	2	1	1	1	5	5	5	5	5	4	1	3	2	4	2	1	4	1	1
3	5	5	4	5	5	4	5	4	1	5	4	5	5	3	2	2	5	5	4	3	1	5	1	1
4	4	3	1	1	4	3	2	4	2	1	1	1	1	2	3	3	2	1	4	1	1	3	3	3
5	5	5	4	4	1	2	4	2	4	4	4	4	4	4	4	5	5	5	5	4	1	4	1	1
6	5	5	1	1	5	2	2	5	3	1	1	1	1	1	4	1	1	1	4	1	3	5	4	1
7	4	4	4	4	2	4	4	2	1	1	1	2	4	2	4	2	1	1	5	4	1	3	4	1
8	2	4	5	5	4	4	2	1	5	2	4	4	4	4	5	1	4	4	4	2	4	5	5	1
9	5	5	5	5	1	5	5	2	5	2	1	1	1	4	5	1	4	4	5	4	4	4	4	1
10	5	5	4	5	4	5	4	4	2	5	4	3	5	2	4	3	4	5	5	5	2	4	4	3
11	5	5	5	5	5	5	5	4	3	4	4	3	2	5	5	3	4	4	5	3	3	5	5	5
12	5	5	4	5	3	5	4	4	5	5	4	4	5	4	5	3	4	5	4	5	4	4	3	3
13	5	5	5	5	2	5	5	5	5	5	5	4	5	5	5	5	5	5	5	5	1	5	1	4
14	4	5	4	4	2	3	2	3	4	4	2	2	2	4	5	4	4	2	4	4	3	5	1	4
15	5	5	4	4	4	3	5	4	5	4	4	4	5	5	5	4	3	1	5	4	1	5	1	3
16	4	5	3	3	1	5	5	4	5	4	5	1	5	5	5	1	4	4	5	4	4	5	2	2
17	5	4	5	5	1	5	4	4	5	4	4	3	5	4	5	2	4	4	5	4	3	5	1	1
18	5	4	5	5	1	5	4	4	5	4	4	3	5	4	4	2	4	4	5	4	3	5	1	1
19	5	4	5	4	2	5	4	4	4	2	2	2	2	2	3	2	4	4	4	4	4	4	1	1
20	5	4	5	4	4	5	2	4	5	5	3	3	3	3	5	4	4	4	5	4	3	5	4	3
n	20																							

Validitas	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Σ	92	91	82	84	53	82	73	70	74	72	67	60	74	73	87	50	74	68	92	72	49	90	48	41
R.Hitung	0.486	0.504	0.522	0.536	-0.065	0.527	0.517	0.480	0.450	0.803	0.728	0.472	0.526	0.580	0.447	0.450	0.676	0.619	0.493	0.690	0.061	0.511	-0.227	0.485
R.Tabel	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444
Status	VALID	VALID	VALID	VALID	DROP	VALID	VALID	VALID	VALID	VALID	VALID	VALID	VALID	VALID	VALID	VALID	VALID	VALID	VALID	VALID	DROP	VALID	DROP	VALID

Lampiran 5

Analisis Butir Uji Validitas Variabel X

Butir 1

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	166	25	27556	830
2	4	131	16	17161	524
3	5	144	25	20736	720
4	4	110	16	12100	440
5	5	154	25	23716	770
6	5	119	25	14161	595
7	4	117	16	13689	468
8	2	127	4	16129	254
9	5	126	25	15876	630
10	5	159	25	25281	795
11	5	177	25	31329	885
12	5	174	25	30276	870
13	5	182	25	33124	910
14	4	139	16	19321	556
15	5	157	25	24649	785
16	4	157	16	24649	628
17	5	157	25	24649	785
18	5	155	25	24025	775
19	5	138	25	19044	690
20	5	162	25	26244	810
Σ	92	2951	434	443715	13720

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

$$r_{xy} = \frac{274400 - 271492}{\sqrt{216 \times 165899}}$$

$$r_{xy} = \frac{2908}{\sqrt{35834184}}$$

$$r_{xy} = \frac{2908}{5986.166052}$$

$$r_{xy} = \mathbf{0.486}$$

Butir 2

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	166	25	27556	830
2	4	131	16	17161	524
3	5	144	25	20736	720
4	3	110	9	12100	330
5	5	154	25	23716	770
6	5	119	25	14161	595
7	4	117	16	13689	468
8	4	127	16	16129	508
9	5	126	25	15876	630
10	5	159	25	25281	795
11	5	177	25	31329	885
12	5	174	25	30276	870
13	5	182	25	33124	910
14	5	139	25	19321	695
15	5	157	25	24649	785
16	5	157	25	24649	785
17	4	157	16	24649	628
18	4	155	16	24025	620
19	4	138	16	19044	552
20	4	162	16	26244	648
Σ	91	2951	421	443715	13548

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

$$r_{xy} = \frac{270960 - 268541}{\sqrt{139 \times 165899}}$$

$$r_{xy} = \frac{2419}{\sqrt{23059961}}$$

$$r_{xy} = \frac{2419}{4802.0788}$$

$$r_{xy} = \mathbf{0.504}$$

Butir 2

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	166	25	27556	830
2	4	131	16	17161	524
3	5	144	25	20736	720
4	3	110	9	12100	330
5	5	154	25	23716	770
6	5	119	25	14161	595
7	4	117	16	13689	468
8	4	127	16	16129	508
9	5	126	25	15876	630
10	5	159	25	25281	795
11	5	177	25	31329	885
12	5	174	25	30276	870
13	5	182	25	33124	910
14	5	139	25	19321	695
15	5	157	25	24649	785
16	5	157	25	24649	785
17	4	157	16	24649	628
18	4	155	16	24025	620
19	4	138	16	19044	552
20	4	162	16	26244	648
Σ	91	2951	421	443715	13548

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

$$r_{xy} = \frac{270960 - 268541}{\sqrt{139 \times 165899}}$$

$$r_{xy} = \frac{2419}{\sqrt{23059961}}$$

$$r_{xy} = \frac{2419}{4802.078821}$$

$$r_{xy} = \mathbf{0.504}$$

Butir 4

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	166	25	27556	830
2	5	131	25	17161	655
3	5	144	25	20736	720
4	1	110	1	12100	110
5	4	154	16	23716	616
6	1	119	1	14161	119
7	4	117	16	13689	468
8	5	127	25	16129	635
9	5	126	25	15876	630
10	5	159	25	25281	795
11	5	177	25	31329	885
12	5	174	25	30276	870
13	5	182	25	33124	910
14	4	139	16	19321	556
15	4	157	16	24649	628
16	3	157	9	24649	471
17	5	157	25	24649	785
18	5	155	25	24025	775
19	4	138	16	19044	552
20	4	162	16	26244	648
Σ	84	2951	382	443715	12658

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

$$r_{xy} = \frac{253160 - 247884}{\sqrt{584 \times 165899}}$$

$$r_{xy} = \frac{5276}{\sqrt{96885016}}$$

$$r_{xy} = \frac{5276}{9843.0186}$$

$$r_{xy} = \mathbf{0.536}$$

Butir 5

NO. RESP.	X	Y	X ²	Y ²	XY
1	1	166	1	27556	166
2	1	131	1	17161	131
3	5	144	25	20736	720
4	4	110	16	12100	440
5	1	154	1	23716	154
6	5	119	25	14161	595
7	2	117	4	13689	234
8	4	127	16	16129	508
9	1	126	1	15876	126
10	4	159	16	25281	636
11	5	177	25	31329	885
12	3	174	9	30276	522
13	2	182	4	33124	364
14	2	139	4	19321	278
15	4	157	16	24649	628
16	1	157	1	24649	157
17	1	157	1	24649	157
18	1	155	1	24025	155
19	2	138	4	19044	276
20	4	162	16	26244	648
Σ	53	2951	187	443715	7780

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

$$r_{xy} = \frac{155600 - 156403}{\sqrt{931 \times 165899}}$$

$$r_{xy} = \frac{-803}{\sqrt{154451969}}$$

$$r_{xy} = \frac{-803}{12427.87065}$$

$$r_{xy} = \mathbf{-0.065}$$

Butir 6

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	166	25	27556	830
2	2	131	4	17161	262
3	4	144	16	20736	576

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

Butir 7

NO. RESP.	X	Y	X ²	Y ²	XY
1	4	166	16	27556	664
2	1	131	1	17161	131
3	5	144	25	20736	720
4	2	110	4	12100	220
5	4	154	16	23716	616
6	2	119	4	14161	238
7	4	117	16	13689	468
8	2	127	4	16129	254
9	5	126	25	15876	630
10	4	159	16	25281	636
11	5	177	25	31329	885
12	4	174	16	30276	696
13	5	182	25	33124	910
14	2	139	4	19321	278
15	5	157	25	24649	785
16	5	157	25	24649	785
17	4	157	16	24649	628
18	4	155	16	24025	620
19	4	138	16	19044	552
20	2	162	4	26244	324
Σ	73	2951	299	443715	11040

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

$$r_{xy} = \frac{220800 - 215423}{\sqrt{651 \times 165899}}$$

$$r_{xy} = \frac{5377}{\sqrt{108000249}}$$

$$r_{xy} = \frac{5377}{10392.317}$$

$$r_{xy} = \mathbf{0.517}$$

Butir 8

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	166	25	27556	830
2	1	131	1	17161	131
3	4	144	16	20736	576

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

4	3	110	9	12100	330
5	2	154	4	23716	308
6	2	119	4	14161	238
7	4	117	16	13689	468
8	4	127	16	16129	508
9	5	126	25	15876	630
10	5	159	25	25281	795
11	5	177	25	31329	885
12	5	174	25	30276	870
13	5	182	25	33124	910
14	3	139	9	19321	417
15	3	157	9	24649	471
16	5	157	25	24649	785
17	5	157	25	24649	785
18	5	155	25	24025	775
19	5	138	25	19044	690
20	5	162	25	26244	810
Σ	82	2951	362	443715	12343

$$r_{xy} = \frac{246860 - 241982}{\sqrt{516} \times 165899}$$

$$r_{xy} = \frac{4878}{\sqrt{85603884}}$$

$$r_{xy} = \frac{4878}{9252.236703}$$

$$r_{xy} = \mathbf{0.527}$$

4	4	110	16	12100	440
5	2	154	4	23716	308
6	5	119	25	14161	595
7	2	117	4	13689	234
8	1	127	1	16129	127
9	2	126	4	15876	252
10	4	159	16	25281	636
11	4	177	16	31329	708
12	4	174	16	30276	696
13	5	182	25	33124	910
14	3	139	9	19321	417
15	4	157	16	24649	628
16	4	157	16	24649	628
17	4	157	16	24649	628
18	4	155	16	24025	620
19	4	138	16	19044	552
20	4	162	16	26244	648
Σ	70	2951	274	443715	10564

$$r_{xy} = \frac{211280 - 206570}{\sqrt{580} \times 165899}$$

$$r_{xy} = \frac{4710}{\sqrt{96221420}}$$

$$r_{xy} = \frac{4710}{9809.2518}$$

$$r_{xy} = \mathbf{0.480}$$

Butir 9

NO. RESP.	X	Y	X ²	Y ²	XY
1	4	166	16	27556	664
2	1	131	1	17161	131
3	1	144	1	20736	144
4	2	110	4	12100	220
5	4	154	16	23716	616
6	3	119	9	14161	357
7	1	117	1	13689	117
8	5	127	25	16129	635
9	5	126	25	15876	630
10	2	159	4	25281	318
11	3	177	9	31329	531
12	5	174	25	30276	870
13	5	182	25	33124	910
14	4	139	16	19321	556
15	5	157	25	24649	785
16	5	157	25	24649	785
17	5	157	25	24649	785
18	5	155	25	24025	775
19	4	138	16	19044	552
20	5	162	25	26244	810
Σ	74	2951	318	443715	11191

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

$$r_{xy} = \frac{223820 - 218374}{\sqrt{884 \times 165899}}$$

$$r_{xy} = \frac{5446}{\sqrt{146654716}}$$

$$r_{xy} = \frac{5446}{12110.10801}$$

$$r_{xy} = \mathbf{0.450}$$

Butir 10

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	166	25	27556	830
2	5	131	25	17161	655
3	5	144	25	20736	720

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

Butir 11

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	166	25	27556	830
2	5	131	25	17161	655
3	4	144	16	20736	576
4	1	110	1	12100	110
5	4	154	16	23716	616
6	1	119	1	14161	119
7	1	117	1	13689	117
8	4	127	16	16129	508
9	1	126	1	15876	126
10	4	159	16	25281	636
11	4	177	16	31329	708
12	4	174	16	30276	696
13	5	182	25	33124	910
14	2	139	4	19321	278
15	4	157	16	24649	628
16	5	157	25	24649	785
17	4	157	16	24649	628
18	4	155	16	24025	620
19	2	138	4	19044	276
20	3	162	9	26244	486
Σ	67	2951	265	443715	10308

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

$$r_{xy} = \frac{206160 - 197717}{\sqrt{811 \times 165899}}$$

$$r_{xy} = \frac{8443}{\sqrt{134544089}}$$

$$r_{xy} = \frac{8443}{11599.314}$$

$$r_{xy} = \mathbf{0.728}$$

Butir 12

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	166	25	27556	830
2	5	131	25	17161	655
3	5	144	25	20736	720

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

4	1	110	1	12100	110
5	4	154	16	23716	616
6	1	119	1	14161	119
7	1	117	1	13689	117
8	2	127	4	16129	254
9	2	126	4	15876	252
10	5	159	25	25281	795
11	4	177	16	31329	708
12	5	174	25	30276	870
13	5	182	25	33124	910
14	4	139	16	19321	556
15	4	157	16	24649	628
16	4	157	16	24649	628
17	4	157	16	24649	628
18	4	155	16	24025	620
19	2	138	4	19044	276
20	5	162	25	26244	810
Σ	72	2951	302	443715	11102

$$r_{xy} = \frac{222040 - 212472}{\sqrt{856} \times 165899}$$

$$r_{xy} = \frac{9568}{\sqrt{142009544}}$$

$$r_{xy} = \frac{9568}{11916.77574}$$

$$r_{xy} = \mathbf{0.803}$$

4	1	110	1	12100	110
5	4	154	16	23716	616
6	1	119	1	14161	119
7	2	117	4	13689	234
8	4	127	16	16129	508
9	1	126	1	15876	126
10	3	159	9	25281	477
11	3	177	9	31329	531
12	4	174	16	30276	696
13	4	182	16	33124	728
14	2	139	4	19321	278
15	4	157	16	24649	628
16	1	157	1	24649	157
17	3	157	9	24649	471
18	3	155	9	24025	465
19	2	138	4	19044	276
20	3	162	9	26244	486
Σ	60	2951	216	443715	9111

$$r_{xy} = \frac{182220 - 177060}{\sqrt{720} \times 165899}$$

$$r_{xy} = \frac{5160}{\sqrt{119447280}}$$

$$r_{xy} = \frac{5160}{10929.194}$$

$$r_{xy} = \mathbf{0.472}$$

Butir 13

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	166	25	27556	830
2	5	131	25	17161	655
3	5	144	25	20736	720
4	1	110	1	12100	110
5	4	154	16	23716	616
6	1	119	1	14161	119
7	4	117	16	13689	468
8	4	127	16	16129	508
9	1	126	1	15876	126
10	5	159	25	25281	795
11	2	177	4	31329	354
12	5	174	25	30276	870
13	5	182	25	33124	910
14	2	139	4	19321	278
15	5	157	25	24649	785
16	5	157	25	24649	785
17	5	157	25	24649	785
18	5	155	25	24025	775
19	2	138	4	19044	276
20	3	162	9	26244	486
Σ	74	2951	322	443715	11251

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

$$r_{xy} = \frac{225020 - 218374}{\sqrt{964 \times 165899}}$$

$$r_{xy} = \frac{6646}{\sqrt{159926636}}$$

$$r_{xy} = \frac{6646}{12646.21034}$$

$$r_{xy} = \mathbf{0.526}$$

Butir 14

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	166	25	27556	830
2	5	131	25	17161	655
3	3	144	9	20736	432

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

Butir 15

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	166	25	27556	830
2	4	131	16	17161	524
3	2	144	4	20736	288
4	3	110	9	12100	330
5	4	154	16	23716	616
6	4	119	16	14161	476
7	4	117	16	13689	468
8	5	127	25	16129	635
9	5	126	25	15876	630
10	4	159	16	25281	636
11	5	177	25	31329	885
12	5	174	25	30276	870
13	5	182	25	33124	910
14	5	139	25	19321	695
15	5	157	25	24649	785
16	5	157	25	24649	785
17	5	157	25	24649	785
18	4	155	16	24025	620
19	3	138	9	19044	414
20	5	162	25	26244	810
Σ	87	2951	393	443715	12992

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

$$r_{xy} = \frac{259840 - 256737}{\sqrt{291 \times 165899}}$$

$$r_{xy} = \frac{3103}{\sqrt{48276609}}$$

$$r_{xy} = \frac{3103}{6948.1371}$$

$$r_{xy} = \mathbf{0.447}$$

Butir 16

NO. RESP.	X	Y	X ²	Y ²	XY
1	1	166	1	27556	166
2	1	131	1	17161	131
3	2	144	4	20736	288

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

4	2	110	4	12100	220
5	4	154	16	23716	616
6	1	119	1	14161	119
7	2	117	4	13689	234
8	4	127	16	16129	508
9	4	126	16	15876	504
10	2	159	4	25281	318
11	5	177	25	31329	885
12	4	174	16	30276	696
13	5	182	25	33124	910
14	4	139	16	19321	556
15	5	157	25	24649	785
16	5	157	25	24649	785
17	4	157	16	24649	628
18	4	155	16	24025	620
19	2	138	4	19044	276
20	3	162	9	26244	486
Σ	73	2951	297	443715	11063

$$r_{xy} = \frac{221260 - 215423}{\sqrt{611} \times 165899}$$

$$r_{xy} = \frac{5837}{\sqrt{101364289}}$$

$$r_{xy} = \frac{5837}{10067.98336}$$

$$r_{xy} = \mathbf{0.580}$$

4	3	110	9	12100	330
5	5	154	25	23716	770
6	1	119	1	14161	119
7	2	117	4	13689	234
8	1	127	1	16129	127
9	1	126	1	15876	126
10	3	159	9	25281	477
11	3	177	9	31329	531
12	3	174	9	30276	522
13	5	182	25	33124	910
14	4	139	16	19321	556
15	4	157	16	24649	628
16	1	157	1	24649	157
17	2	157	4	24649	314
18	2	155	4	24025	310
19	2	138	4	19044	276
20	4	162	16	26244	648
Σ	50	2951	160	443715	7620

$$r_{xy} = \frac{152400 - 147550}{\sqrt{700} \times 165899}$$

$$r_{xy} = \frac{4850}{\sqrt{116129300}}$$

$$r_{xy} = \frac{4850}{10776.331}$$

$$r_{xy} = \mathbf{0.450}$$

Butir 17

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	166	25	27556	830
2	3	131	9	17161	393
3	5	144	25	20736	720
4	2	110	4	12100	220
5	5	154	25	23716	770
6	1	119	1	14161	119
7	1	117	1	13689	117
8	4	127	16	16129	508
9	4	126	16	15876	504
10	4	159	16	25281	636
11	4	177	16	31329	708
12	4	174	16	30276	696
13	5	182	25	33124	910
14	4	139	16	19321	556
15	3	157	9	24649	471
16	4	157	16	24649	628
17	4	157	16	24649	628
18	4	155	16	24025	620
19	4	138	16	19044	552
20	4	162	16	26244	648
Σ	74	2951	300	443715	11234

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

$$r_{xy} = \frac{224680 - 218374}{\sqrt{524 \times 165899}}$$

$$r_{xy} = \frac{6306}{\sqrt{86931076}}$$

$$r_{xy} = \frac{6306}{9323.683607}$$

$$r_{xy} = \mathbf{0.676}$$

Butir 18

NO. RESP.	X	Y	X ²	Y ²	XY
1	3	166	9	27556	498
2	2	131	4	17161	262
3	5	144	25	20736	720

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

Butir 19

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	166	25	27556	830
2	4	131	16	17161	524
3	4	144	16	20736	576
4	4	110	16	12100	440
5	5	154	25	23716	770
6	4	119	16	14161	476
7	5	117	25	13689	585
8	4	127	16	16129	508
9	5	126	25	15876	630
10	5	159	25	25281	795
11	5	177	25	31329	885
12	4	174	16	30276	696
13	5	182	25	33124	910
14	4	139	16	19321	556
15	5	157	25	24649	785
16	5	157	25	24649	785
17	5	157	25	24649	785
18	5	155	25	24025	775
19	4	138	16	19044	552
20	5	162	25	26244	810
Σ	92	2951	428	443715	13673

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

$$r_{xy} = \frac{273460 - 271492}{\sqrt{96 \times 165899}}$$

$$r_{xy} = \frac{1968}{\sqrt{15926304}}$$

$$r_{xy} = \frac{1968}{3990.7774}$$

$$r_{xy} = \mathbf{0.493}$$

Butir 20

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	166	25	27556	830
2	2	131	4	17161	262
3	3	144	9	20736	432

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

4	1	110	1	12100	110
5	5	154	25	23716	770
6	1	119	1	14161	119
7	1	117	1	13689	117
8	4	127	16	16129	508
9	4	126	16	15876	504
10	5	159	25	25281	795
11	4	177	16	31329	708
12	5	174	25	30276	870
13	5	182	25	33124	910
14	2	139	4	19321	278
15	1	157	1	24649	157
16	4	157	16	24649	628
17	4	157	16	24649	628
18	4	155	16	24025	620
19	4	138	16	19044	552
20	4	162	16	26244	648
Σ	68	2951	274	443715	10402

$$r_{xy} = \frac{208040 - 200668}{\sqrt{856} \times 165899}$$

$$r_{xy} = \frac{7372}{\sqrt{142009544}}$$

$$r_{xy} = \frac{7372}{11916.77574}$$

$$r_{xy} = \mathbf{0.619}$$

4	1	110	1	12100	110
5	4	154	16	23716	616
6	1	119	1	14161	119
7	4	117	16	13689	468
8	2	127	4	16129	254
9	4	126	16	15876	504
10	5	159	25	25281	795
11	3	177	9	31329	531
12	5	174	25	30276	870
13	5	182	25	33124	910
14	4	139	16	19321	556
15	4	157	16	24649	628
16	4	157	16	24649	628
17	4	157	16	24649	628
18	4	155	16	24025	620
19	4	138	16	19044	552
20	4	162	16	26244	648
Σ	72	2951	288	443715	10961

$$r_{xy} = \frac{219220 - 212472}{\sqrt{576} \times 165899}$$

$$r_{xy} = \frac{6748}{\sqrt{95557824}}$$

$$r_{xy} = \frac{6748}{9775.3682}$$

$$r_{xy} = \mathbf{0.690}$$

Butir 21

NO. RESP.	X	Y	X ²	Y ²	XY
1	2	166	4	27556	332
2	1	131	1	17161	131
3	1	144	1	20736	144
4	1	110	1	12100	110
5	1	154	1	23716	154
6	3	119	9	14161	357
7	1	117	1	13689	117
8	4	127	16	16129	508
9	4	126	16	15876	504
10	2	159	4	25281	318
11	3	177	9	31329	531
12	4	174	16	30276	696
13	1	182	1	33124	182
14	3	139	9	19321	417
15	1	157	1	24649	157
16	4	157	16	24649	628
17	3	157	9	24649	471
18	3	155	9	24025	465
19	4	138	16	19044	552
20	3	162	9	26244	486
Σ	49	2951	149	443715	7260

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

$$r_{xy} = \frac{145200 - 144599}{\sqrt{579 \times 165899}}$$

$$r_{xy} = \frac{601}{\sqrt{96055521}}$$

$$r_{xy} = \frac{601}{9800.791856}$$

$$r_{xy} = \mathbf{0.061}$$

Butir 22

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	166	25	27556	830
2	4	131	16	17161	524
3	5	144	25	20736	720

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

Butir 23

NO. RESP.	X	Y	X ²	Y ²	XY
1	1	166	1	27556	166
2	1	131	1	17161	131
3	1	144	1	20736	144
4	3	110	9	12100	330
5	1	154	1	23716	154
6	4	119	16	14161	476
7	4	117	16	13689	468
8	5	127	25	16129	635
9	4	126	16	15876	504
10	4	159	16	25281	636
11	5	177	25	31329	885
12	3	174	9	30276	522
13	1	182	1	33124	182
14	1	139	1	19321	139
15	1	157	1	24649	157
16	2	157	4	24649	314
17	1	157	1	24649	157
18	1	155	1	24025	155
19	1	138	1	19044	138
20	4	162	16	26244	648
Σ	48	2951	162	443715	6941

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

$$r_{xy} = \frac{138820 - 141648}{\sqrt{936 \times 165899}}$$

$$r_{xy} = \frac{-2828}{\sqrt{155281464}}$$

$$r_{xy} = \frac{-2828}{12461.198}$$

$$r_{xy} = \mathbf{-0.227}$$

Butir 24

NO. RESP.	X	Y	X ²	Y ²	XY
1	1	166	1	27556	166
2	1	131	1	17161	131
3	1	144	1	20736	144

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

4	3	110	9	12100	330
5	4	154	16	23716	616
6	5	119	25	14161	595
7	3	117	9	13689	351
8	5	127	25	16129	635
9	4	126	16	15876	504
10	4	159	16	25281	636
11	5	177	25	31329	885
12	4	174	16	30276	696
13	5	182	25	33124	910
14	5	139	25	19321	695
15	5	157	25	24649	785
16	5	157	25	24649	785
17	5	157	25	24649	785
18	5	155	25	24025	775
19	4	138	16	19044	552
20	5	162	25	26244	810
Σ	90	2951	414	443715	13419

$$r_{xy} = \frac{268380 - 265590}{\sqrt{180} \times 165899}$$

$$r_{xy} = \frac{2790}{\sqrt{29861820}}$$

$$r_{xy} = \frac{2790}{5464.596966}$$

$$r_{xy} = \mathbf{0.511}$$

4	3	110	9	12100	330
5	1	154	1	23716	154
6	1	119	1	14161	119
7	1	117	1	13689	117
8	1	127	1	16129	127
9	1	126	1	15876	126
10	3	159	9	25281	477
11	5	177	25	31329	885
12	3	174	9	30276	522
13	4	182	16	33124	728
14	4	139	16	19321	556
15	3	157	9	24649	471
16	2	157	4	24649	314
17	1	157	1	24649	157
18	1	155	1	24025	155
19	1	138	1	19044	138
20	3	162	9	26244	486
Σ	41	2951	117	443715	6303

$$r_{xy} = \frac{126060 - 120991}{\sqrt{659} \times 165899}$$

$$r_{xy} = \frac{5069}{\sqrt{109327441}}$$

$$r_{xy} = \frac{5069}{10455.976}$$

$$r_{xy} = \mathbf{0.485}$$

Butir 25

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	166	25	27556	830
2	5	131	25	17161	655
3	5	144	25	20736	720
4	3	110	9	12100	330
5	2	154	4	23716	308
6	1	119	1	14161	119
7	2	117	4	13689	234
8	4	127	16	16129	508
9	1	126	1	15876	126
10	3	159	9	25281	477
11	4	177	16	31329	708
12	3	174	9	30276	522
13	1	182	1	33124	182
14	2	139	4	19321	278
15	2	157	4	24649	314
16	2	157	4	24649	314
17	2	157	4	24649	314
18	2	155	4	24025	310
19	4	138	16	19044	552
20	3	162	9	26244	486
Σ	56	2951	190	443715	8287

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

$$r_{xy} = \frac{165740 - 165256}{\sqrt{664 \times 165899}}$$

$$r_{xy} = \frac{484}{\sqrt{110156936}}$$

$$r_{xy} = \frac{484}{10495.56745}$$

$$r_{xy} = \mathbf{0.046}$$

Butir 27

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	166	25	27556	830
2	4	131	16	17161	524
3	5	144	25	20736	720
4	4	110	16	12100	440
5	5	154	25	23716	770
6	5	119	25	14161	595
7	4	117	16	13689	468
8	4	127	16	16129	508
9	4	126	16	15876	504
10	4	159	16	25281	636
11	5	177	25	31329	885
12	5	174	25	30276	870
13	5	182	25	33124	910
14	3	139	9	19321	417
15	5	157	25	24649	785
16	4	157	16	24649	628
17	5	157	25	24649	785
18	5	155	25	24025	775
19	4	138	16	19044	552
20	4	162	16	26244	648
Σ	89	2951	403	443715	13250

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

$$r_{xy} = \frac{265000 - 262639}{\sqrt{139 \times 165899}}$$

$$r_{xy} = \frac{2361}{\sqrt{23059961}}$$

$$r_{xy} = \frac{2361}{4802.0788}$$

$$r_{xy} = \mathbf{0.492}$$

Butir 26

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	166	25	27556	830
2	5	131	25	17161	655
3	3	144	9	20736	432

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

Butir 28

NO. RESP.	X	Y	X ²	Y ²	XY
1	4	166	16	27556	664
2	3	131	9	17161	393
3	3	144	9	20736	432

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

4	3	110	9	12100	330
5	5	154	25	23716	770
6	4	119	16	14161	476
7	5	117	25	13689	585
8	2	127	4	16129	254
9	2	126	4	15876	252
10	3	159	9	25281	477
11	5	177	25	31329	885
12	5	174	25	30276	870
13	5	182	25	33124	910
14	2	139	4	19321	278
15	2	157	4	24649	314
16	5	157	25	24649	785
17	5	157	25	24649	785
18	5	155	25	24025	775
19	3	138	9	19044	414
20	5	162	25	26244	810
Σ	79	2951	343	443715	11887

$$r_{xy} = \frac{237740 - 233129}{\sqrt{619} \times 165899}$$

$$r_{xy} = \frac{4611}{\sqrt{102691481}}$$

$$r_{xy} = \frac{4611}{10133.68053}$$

$$r_{xy} = \mathbf{0.455}$$

4	4	110	16	12100	440
5	4	154	16	23716	616
6	4	119	16	14161	476
7	3	117	9	13689	351
8	4	127	16	16129	508
9	3	126	9	15876	378
10	3	159	9	25281	477
11	5	177	25	31329	885
12	4	174	16	30276	696
13	5	182	25	33124	910
14	4	139	16	19321	556
15	3	157	9	24649	471
16	5	157	25	24649	785
17	5	157	25	24649	785
18	5	155	25	24025	775
19	4	138	16	19044	552
20	5	162	25	26244	810
Σ	80	2951	332	443715	11960

$$r_{xy} = \frac{239200 - 236080}{\sqrt{240} \times 165899}$$

$$r_{xy} = \frac{3120}{\sqrt{39815760}}$$

$$r_{xy} = \frac{3120}{6309.9731}$$

$$r_{xy} = \mathbf{0.494}$$

Butir 29

NO. RESP.	X	Y	X ²	Y ²	XY
1	4	166	16	27556	664
2	4	131	16	17161	524
3	2	144	4	20736	288
4	4	110	16	12100	440
5	4	154	16	23716	616
6	4	119	16	14161	476
7	4	117	16	13689	468
8	4	127	16	16129	508
9	4	126	16	15876	504
10	5	159	25	25281	795
11	5	177	25	31329	885
12	5	174	25	30276	870
13	5	182	25	33124	910
14	3	139	9	19321	417
15	4	157	16	24649	628
16	5	157	25	24649	785
17	4	157	16	24649	628
18	4	155	16	24025	620
19	4	138	16	19044	552
20	4	162	16	26244	648
Σ	82	2951	346	443715	12226

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

$$r_{xy} = \frac{244520 - 241982}{\sqrt{196 \times 165899}}$$

$$r_{xy} = \frac{2538}{\sqrt{32516204}}$$

$$r_{xy} = \frac{2538}{5702.298133}$$

$$r_{xy} = \mathbf{0.445}$$

Butir 31

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	166	25	27556	830
2	4	131	16	17161	524
3	5	144	25	20736	720
4	5	110	25	12100	550
5	2	154	4	23716	308
6	5	119	25	14161	595
7	3	117	9	13689	351
8	4	127	16	16129	508
9	5	126	25	15876	630
10	3	159	9	25281	477
11	5	177	25	31329	885
12	4	174	16	30276	696
13	5	182	25	33124	910
14	5	139	25	19321	695
15	5	157	25	24649	785
16	5	157	25	24649	785
17	5	157	25	24649	785
18	5	155	25	24025	775
19	4	138	16	19044	552
20	4	162	16	26244	648
Σ	88	2951	402	443715	13009

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

$$r_{xy} = \frac{260180 - 259688}{\sqrt{296 \times 165899}}$$

$$r_{xy} = \frac{492}{\sqrt{49106104}}$$

$$r_{xy} = \frac{492}{7007.5748}$$

$$r_{xy} = \mathbf{0.070}$$

Butir 30

NO. RESP.	X	Y	X ²	Y ²	XY
1	4	166	16	27556	664
2	1	131	1	17161	131
3	1	144	1	20736	144

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

Butir 32

NO. RESP.	X	Y	X ²	Y ²	XY
1	2	166	4	27556	332
2	2	131	4	17161	262
3	1	144	1	20736	144

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

4	1	110	1	12100	110
5	4	154	16	23716	616
6	1	119	1	14161	119
7	4	117	16	13689	468
8	1	127	1	16129	127
9	1	126	1	15876	126
10	4	159	16	25281	636
11	4	177	16	31329	708
12	4	174	16	30276	696
13	5	182	25	33124	910
14	4	139	16	19321	556
15	5	157	25	24649	785
16	2	157	4	24649	314
17	3	157	9	24649	471
18	3	155	9	24025	465
19	4	138	16	19044	552
20	4	162	16	26244	648
Σ	60	2951	222	443715	9246

$$r_{xy} = \frac{184920 - 177060}{\sqrt{840} \times 165899}$$

$$r_{xy} = \frac{7860}{\sqrt{139355160}}$$

$$r_{xy} = \frac{7860}{11804.87865}$$

$$r_{xy} = \mathbf{0.666}$$

4	3	110	9	12100	330
5	4	154	16	23716	616
6	4	119	16	14161	476
7	2	117	4	13689	234
8	1	127	1	16129	127
9	4	126	16	15876	504
10	3	159	9	25281	477
11	5	177	25	31329	885
12	5	174	25	30276	870
13	5	182	25	33124	910
14	5	139	25	19321	695
15	5	157	25	24649	785
16	5	157	25	24649	785
17	4	157	16	24649	628
18	5	155	25	24025	775
19	4	138	16	19044	552
20	4	162	16	26244	648
Σ	73	2951	303	443715	11035

$$r_{xy} = \frac{220700 - 215423}{\sqrt{731} \times 165899}$$

$$r_{xy} = \frac{5277}{\sqrt{121272169}}$$

$$r_{xy} = \frac{5277}{11012.364}$$

$$r_{xy} = \mathbf{0.479}$$

Butir 33

NO. RESP.	X	Y	X ²	Y ²	XY
1	4	166	16	27556	664
2	2	131	4	17161	262
3	3	144	9	20736	432
4	4	110	16	12100	440
5	4	154	16	23716	616
6	4	119	16	14161	476
7	2	117	4	13689	234
8	2	127	4	16129	254
9	4	126	16	15876	504
10	4	159	16	25281	636
11	5	177	25	31329	885
12	5	174	25	30276	870
13	5	182	25	33124	910
14	3	139	9	19321	417
15	4	157	16	24649	628
16	5	157	25	24649	785
17	4	157	16	24649	628
18	4	155	16	24025	620
19	4	138	16	19044	552
20	4	162	16	26244	648
Σ	76	2951	306	443715	11461

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

$$r_{xy} = \frac{229220 - 224276}{\sqrt{344 \times 165899}}$$

$$r_{xy} = \frac{4944}{\sqrt{57069256}}$$

$$r_{xy} = \frac{4944}{7554.419634}$$

$$r_{xy} = \mathbf{0.654}$$

Butir 34

NO. RESP.	X	Y	X ²	Y ²	XY
1	4	166	16	27556	664
2	5	131	25	17161	655
3	4	144	16	20736	576

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

Butir 35

NO. RESP.	X	Y	X ²	Y ²	XY
1	4	166	16	27556	664
2	4	131	16	17161	524
3	5	144	25	20736	720
4	3	110	9	12100	330
5	4	154	16	23716	616
6	3	119	9	14161	357
7	2	117	4	13689	234
8	2	127	4	16129	254
9	1	126	1	15876	126
10	5	159	25	25281	795
11	5	177	25	31329	885
12	5	174	25	30276	870
13	5	182	25	33124	910
14	4	139	16	19321	556
15	4	157	16	24649	628
16	4	157	16	24649	628
17	4	157	16	24649	628
18	4	155	16	24025	620
19	4	138	16	19044	552
20	4	162	16	26244	648
Σ	76	2951	312	443715	11545

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

$$r_{xy} = \frac{230900 - 224276}{\sqrt{464 \times 165899}}$$

$$r_{xy} = \frac{6624}{\sqrt{76977136}}$$

$$r_{xy} = \frac{6624}{8773.6615}$$

$$r_{xy} = \mathbf{0.755}$$

Butir 36

NO. RESP.	X	Y	X ²	Y ²	XY
1	4	166	16	27556	664
2	4	131	16	17161	524
3	5	144	25	20736	720

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

4	4	110	16	12100	440
5	5	154	25	23716	770
6	5	119	25	14161	595
7	4	117	16	13689	468
8	4	127	16	16129	508
9	3	126	9	15876	378
10	4	159	16	25281	636
11	5	177	25	31329	885
12	5	174	25	30276	870
13	5	182	25	33124	910
14	4	139	16	19321	556
15	5	157	25	24649	785
16	5	157	25	24649	785
17	5	157	25	24649	785
18	5	155	25	24025	775
19	4	138	16	19044	552
20	5	162	25	26244	810
Σ	90	2951	412	443715	13403

$$r_{xy} = \frac{268060 - 265590}{\sqrt{140} \times 165899}$$

$$r_{xy} = \frac{2470}{\sqrt{23225860}}$$

$$r_{xy} = \frac{2470}{4819.321529}$$

$$r_{xy} = \mathbf{0.513}$$

4	4	110	16	12100	440
5	5	154	25	23716	770
6	4	119	16	14161	476
7	4	117	16	13689	468
8	2	127	4	16129	254
9	2	126	4	15876	252
10	5	159	25	25281	795
11	5	177	25	31329	885
12	5	174	25	30276	870
13	5	182	25	33124	910
14	4	139	16	19321	556
15	4	157	16	24649	628
16	5	157	25	24649	785
17	4	157	16	24649	628
18	4	155	16	24025	620
19	4	138	16	19044	552
20	4	162	16	26244	648
Σ	83	2951	359	443715	12445

$$r_{xy} = \frac{248900 - 244933}{\sqrt{291} \times 165899}$$

$$r_{xy} = \frac{3967}{\sqrt{48276609}}$$

$$r_{xy} = \frac{3967}{6948.1371}$$

$$r_{xy} = \mathbf{0.571}$$

Butir 37

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	166	25	27556	830
2	4	131	16	17161	524
3	3	144	9	20736	432
4	4	110	16	12100	440
5	5	154	25	23716	770
6	4	119	16	14161	476
7	4	117	16	13689	468
8	1	127	1	16129	127
9	1	126	1	15876	126
10	4	159	16	25281	636
11	5	177	25	31329	885
12	4	174	16	30276	696
13	5	182	25	33124	910
14	4	139	16	19321	556
15	4	157	16	24649	628
16	3	157	9	24649	471
17	4	157	16	24649	628
18	4	155	16	24025	620
19	4	138	16	19044	552
20	4	162	16	26244	648
Σ	76	2951	312	443715	11423

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

$$r_{xy} = \frac{228460 - 224276}{\sqrt{464 \times 165899}}$$

$$r_{xy} = \frac{4184}{\sqrt{76977136}}$$

$$r_{xy} = \frac{4184}{8773.661493}$$

$$r_{xy} = \mathbf{0.477}$$

Butir 39

NO. RESP.	X	Y	X ²	Y ²	XY
1	4	166	16	27556	664
2	5	131	25	17161	655
3	2	144	4	20736	288
4	3	110	9	12100	330
5	5	154	25	23716	770
6	4	119	16	14161	476
7	2	117	4	13689	234
8	1	127	1	16129	127
9	2	126	4	15876	252
10	4	159	16	25281	636
11	4	177	16	31329	708
12	5	174	25	30276	870
13	5	182	25	33124	910
14	4	139	16	19321	556
15	4	157	16	24649	628
16	3	157	9	24649	471
17	3	157	9	24649	471
18	1	155	1	24025	155
19	2	138	4	19044	276
20	4	162	16	26244	648
Σ	67	2951	257	443715	10125

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

$$r_{xy} = \frac{202500 - 197717}{\sqrt{651 \times 165899}}$$

$$r_{xy} = \frac{4783}{\sqrt{108000249}}$$

$$r_{xy} = \frac{4783}{10392.317}$$

$$r_{xy} = \mathbf{0.460}$$

Butir 38

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	166	25	27556	830
2	4	131	16	17161	524
3	5	144	25	20736	720

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

Butir 40

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	166	25	27556	830
2	4	131	16	17161	524
3	3	144	9	20736	432

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

4	4	110	16	12100	440
5	5	154	25	23716	770
6	4	119	16	14161	476
7	4	117	16	13689	468
8	4	127	16	16129	508
9	4	126	16	15876	504
10	5	159	25	25281	795
11	5	177	25	31329	885
12	4	174	16	30276	696
13	5	182	25	33124	910
14	4	139	16	19321	556
15	4	157	16	24649	628
16	4	157	16	24649	628
17	4	157	16	24649	628
18	4	155	16	24025	620
19	4	138	16	19044	552
20	4	162	16	26244	648
Σ	86	2951	374	443715	12786

$$r_{xy} = \frac{255720 - 253786}{\sqrt{84} \times 165899}$$

$$r_{xy} = \frac{1934}{\sqrt{13935516}}$$

$$r_{xy} = \frac{1934}{3733.030404}$$

$$r_{xy} = \mathbf{0.518}$$

4	3	110	9	12100	330
5	5	154	25	23716	770
6	4	119	16	14161	476
7	3	117	9	13689	351
8	2	127	4	16129	254
9	2	126	4	15876	252
10	4	159	16	25281	636
11	3	177	9	31329	531
12	4	174	16	30276	696
13	4	182	16	33124	728
14	3	139	9	19321	417
15	4	157	16	24649	628
16	4	157	16	24649	628
17	4	157	16	24649	628
18	4	155	16	24025	620
19	3	138	9	19044	414
20	4	162	16	26244	648
Σ	72	2951	272	443715	10793

$$r_{xy} = \frac{215860 - 212472}{\sqrt{256} \times 165899}$$

$$r_{xy} = \frac{3388}{\sqrt{42470144}}$$

$$r_{xy} = \frac{3388}{6516.9122}$$

$$r_{xy} = \mathbf{0.520}$$

Lampiran 6
Tabel Hasil Analisis Butir Instrumen Variabel X
N=20, $\alpha= 0,05$, maka angka kritis $r=0,444$

No. Item Instrumen	Hasil Koefsien	Status
1	0.486	VALID
2	0.504	VALID
3	0.522	VALID
4	0.536	VALID
5	-0.065	DROP
6	0.527	VALID
7	0.517	VALID
8	0.480	VALID
9	0.450	VALID
10	0.803	VALID
11	0.728	VALID
12	0.472	VALID
13	0.526	VALID
14	0.580	VALID
15	0.447	VALID
16	0.450	VALID
17	0.676	VALID
18	0.619	VALID
19	0.493	VALID
20	0.690	VALID
21	0.061	DROP
22	0.511	VALID
23	-0.227	DROP
24	0.485	VALID
25	0.046	DROP
26	0.455	VALID
27	0.492	VALID
28	0.494	VALID
29	0.445	VALID
30	0.666	VALID
31	0.070	DROP
32	0.479	VALID
33	0.654	VALID
34	0.513	VALID
35	0.755	VALID
36	0.571	VALID
37	0.477	VALID
38	0.518	VALID
39	0.460	VALID
40	0.520	VALID
	Σ VALID	35
	Σ DROP	5

Lampiran 7
Uji Validitas Instrumen Variabel Y
Kinerja Guru

Responden	Butir Soal																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	5	5	5	5	4	5	4	4	5	5	5	4	3	4	4	5	5	4	5	4	5
2	5	5	5	5	4	5	5	5	5	5	5	5	4	5	5	4	5	5	1	5	5
3	5	5	4	4	5	5	5	5	5	4	5	5	5	4	5	5	5	5	5	5	5
4	5	4	4	5	4	5	5	5	5	5	5	5	5	5	4	5	5	5	5	4	5
5	5	5	5	5	5	2	4	5	4	2	4	4	4	5	4	4	4	4	1	5	5
6	5	5	4	4	4	5	5	4	2	5	5	5	4	4	5	5	2	4	5	4	4
7	4	4	4	3	3	3	4	4	4	4	4	4	4	5	4	4	5	4	5	4	4
8	4	4	4	4	3	3	4	3	3	4	4	5	2	4	4	4	3	5	5	3	5
9	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4	4
10	4	4	5	5	4	2	5	4	5	5	4	4	4	5	5	4	5	4	5	3	4
11	5	5	5	5	5	3	5	5	5	5	5	5	5	5	5	5	5	5	5	4	5
12	4	4	4	4	4	2	4	4	5	4	4	4	4	4	4	4	5	4	5	3	4
13	5	5	5	5	4	5	5	4	4	5	5	5	4	5	5	4	4	5	4	5	5
14	4	4	5	5	4	5	4	4	5	5	5	5	5	4	5	5	5	5	5	4	5
15	5	4	5	4	4	5	4	4	4	5	4	4	4	5	5	4	4	4	5	5	5
16	5	5	5	5	2	5	4	4	4	4	5	4	4	3	4	4	3	5	5	5	5
17	5	5	5	5	4	5	5	4	4	5	5	5	5	5	5	5	5	5	5	5	5
18	5	5	5	5	4	5	5	4	4	5	4	5	5	5	5	5	5	5	5	5	5
19	5	4	4	5	3	1	5	4	5	5	5	5	4	4	5	5	3	5	5	5	5
20	5	5	5	5	4	5	4	4	5	5	5	5	4	5	5	5	5	5	4	5	5
n	20																				

Validitas	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Σ	94	91	92	92	77	80	90	84	87	91	92	92	83	90	92	90	86	92	89	87	95
R.Hitung	0.630	0.540	0.482	0.470	0.559	0.537	0.527	0.570	0.462	0.466	0.568	0.516	0.591	0.467	0.568	0.527	0.656	0.542	-0.076	0.509	0.591
R.Tabel	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444
Status	VALID	VALID	VALID	VALID	VALID	VALID	VALID	VALID	VALID	VALID	VALID	VALID	VALID	VALID	VALID	VALID	VALID	VALID	DROP	VALID	VALID

Lampiran 7
Uji Validitas In
Kinerja Guru

Responden	Butir Soal																			Total
	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
1	5	5	5	4	5	5	5	4	5	5	4	5	4	4	3	4	3	4	3	177
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	5	4	189
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	1	190
4	5	5	5	5	5	5	5	4	4	5	4	4	4	5	4	4	4	4	3	184
5	5	5	5	2	4	4	4	5	5	5	5	5	5	5	2	4	2	4	2	164
6	5	4	4	4	4	4	2	4	2	5	5	4	4	5	3	3	4	4	3	163
7	4	4	5	5	5	5	5	4	4	5	4	4	4	3	4	4	4	4	3	164
8	5	4	4	4	5	5	4	3	4	5	4	4	4	3	3	3	3	3	3	153
9	4	4	4	3	4	4	4	3	3	4	4	3	4	3	4	3	4	3	2	149
10	5	4	4	4	4	4	4	4	3	4	4	4	4	5	4	4	4	4	5	168
11	5	5	5	5	5	5	5	3	4	5	5	5	5	1	5	5	4	4	3	186
12	4	4	4	4	4	4	4	4	3	4	4	4	4	5	3	4	4	4	4	159
13	5	5	4	4	5	5	5	4	4	5	4	4	5	5	4	2	3	4	3	178
14	5	4	4	4	5	5	4	4	3	5	5	5	4	5	3	3	4	4	1	175
15	5	5	5	4	5	5	5	5	5	5	4	4	4	4	3	4	4	4	2	175
16	5	5	5	4	5	5	4	3	2	5	4	4	5	5	4	3	5	2	1	166
17	5	5	5	4	5	5	5	4	3	5	5	4	5	4	4	4	4	4	2	184
18	5	5	5	4	5	5	5	4	4	5	5	4	5	4	4	4	4	4	2	184
19	5	5	4	4	4	5	3	3	3	4	3	4	4	4	4	4	4	4	1	164
20	5	5	5	4	5	5	4	4	4	5	4	4	5	5	4	4	4	4	3	183
n																				

Validitas	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Σ	97	93	92	82	94	95	87	79	75	96	87	85	89	85	74	75	76	77	51
R.Hitung	0.546	0.692	0.628	0.545	0.639	0.591	0.595	0.458	0.455	0.537	0.455	0.537	0.587	0.126	0.487	0.469	0.148	0.540	-0.029
R.Tabel	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444	0.444
Status	VALID	VALID	VALID	VALID	VALID	VALID	VALID	VALID	VALID	VALID	VALID	VALID	VALID	DROP	VALID	VALID	DROP	VALID	DROP

Lampiran 8
Analisis Butir Uji Validitas Variabel Y

Butir 1

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	177	25	31329	885
2	5	189	25	35721	945
3	5	190	25	36100	950
4	5	184	25	33856	920
5	5	164	25	26896	820
6	5	163	25	26569	815
7	4	164	16	26896	656
8	4	153	16	23409	612
9	4	149	16	22201	596
10	4	168	16	28224	672
11	5	186	25	34596	930
12	4	159	16	25281	636
13	5	178	25	31684	890
14	4	175	16	30625	700
15	5	175	25	30625	875
16	5	166	25	27556	830
17	5	184	25	33856	920
18	5	184	25	33856	920
19	5	164	25	26896	820
20	5	183	25	33489	915
Σ	94	3455	446	599665	16307

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

$$r_{xy} = \frac{326140 - 324770}{\sqrt{84 \times 56275}}$$

$$r_{xy} = \frac{1370}{\sqrt{4727100}}$$

$$r_{xy} = \frac{1370}{2174.189504}$$

$$r_{xy} = \mathbf{0.630}$$

Butir 2

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	177	25	31329	885
2	5	189	25	35721	945
3	5	190	25	36100	950
4	4	184	16	33856	736
5	5	164	25	26896	820
6	5	163	25	26569	815
7	4	164	16	26896	656
8	4	153	16	23409	612
9	4	149	16	22201	596
10	4	168	16	28224	672
11	5	186	25	34596	930
12	4	159	16	25281	636
13	5	178	25	31684	890
14	4	175	16	30625	700
15	4	175	16	30625	700
16	5	166	25	27556	830
17	5	184	25	33856	920
18	5	184	25	33856	920
19	4	164	16	26896	656
20	5	183	25	33489	915
Σ	91	3455	419	599665	15784

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

$$r_{xy} = \frac{315680 - 314405}{\sqrt{99 \times 56275}}$$

$$r_{xy} = \frac{1275}{\sqrt{5571225}}$$

$$r_{xy} = \frac{1275}{2360.344255}$$

$$r_{xy} = \mathbf{0.540}$$

Butir 2

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	177	25	31329	885
2	5	189	25	35721	945
3	5	190	25	36100	950
4	4	184	16	33856	736
5	5	164	25	26896	820
6	5	163	25	26569	815
7	4	164	16	26896	656
8	4	153	16	23409	612
9	4	149	16	22201	596
10	4	168	16	28224	672
11	5	186	25	34596	930
12	4	159	16	25281	636
13	5	178	25	31684	890
14	4	175	16	30625	700
15	4	175	16	30625	700
16	5	166	25	27556	830
17	5	184	25	33856	920
18	5	184	25	33856	920
19	4	164	16	26896	656
20	5	183	25	33489	915
Σ	91	3455	419	599665	15784

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

$$r_{xy} = \frac{315680 - 314405}{\sqrt{99 \times 56275}}$$

$$r_{xy} = \frac{1275}{\sqrt{5571225}}$$

$$r_{xy} = \frac{1275}{2360.344255}$$

$$r_{xy} = \mathbf{0.540}$$

Butir 4

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	177	25	31329	885
2	5	189	25	35721	945
3	4	190	16	36100	760
4	5	184	25	33856	920
5	5	164	25	26896	820
6	4	163	16	26569	652
7	3	164	9	26896	492
8	4	153	16	23409	612
9	4	149	16	22201	596
10	5	168	25	28224	840
11	5	186	25	34596	930
12	4	159	16	25281	636
13	5	178	25	31684	890
14	5	175	25	30625	875
15	4	175	16	30625	700
16	5	166	25	27556	830
17	5	184	25	33856	920
18	5	184	25	33856	920
19	5	164	25	26896	820
20	5	183	25	33489	915
Σ	92	3455	430	599665	15958

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

$$r_{xy} = \frac{319160 - 317860}{\sqrt{136 \times 56275}}$$

$$r_{xy} = \frac{1300}{\sqrt{7653400}}$$

$$r_{xy} = \frac{1300}{2766.477905}$$

$$r_{xy} = \mathbf{0.470}$$

Butir 5

NO. RESP.	X	Y	X ²	Y ²	XY
1	4	177	16	31329	708
2	4	189	16	35721	756
3	5	190	25	36100	950
4	4	184	16	33856	736
5	5	164	25	26896	820
6	4	163	16	26569	652
7	3	164	9	26896	492
8	3	153	9	23409	459
9	3	149	9	22201	447
10	4	168	16	28224	672
11	5	186	25	34596	930
12	4	159	16	25281	636
13	4	178	16	31684	712
14	4	175	16	30625	700
15	4	175	16	30625	700
16	2	166	4	27556	332
17	4	184	16	33856	736
18	4	184	16	33856	736
19	3	164	9	26896	492
20	4	183	16	33489	732
Σ	77	3455	307	599665	13398

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

$$r_{xy} = \frac{267960 - 266035}{\sqrt{211 \times 56275}}$$

$$r_{xy} = \frac{1925}{\sqrt{11874025}}$$

$$r_{xy} = \frac{1925}{3445.870717}$$

$$r_{xy} = \mathbf{0.559}$$

Butir 7

NO. RESP.	X	Y	X ²	Y ²	XY
1	4	177	16	31329	708
2	5	189	25	35721	945
3	5	190	25	36100	950
4	5	184	25	33856	920
5	4	164	16	26896	656
6	5	163	25	26569	815
7	4	164	16	26896	656
8	4	153	16	23409	612
9	4	149	16	22201	596
10	5	168	25	28224	840
11	5	186	25	34596	930
12	4	159	16	25281	636
13	5	178	25	31684	890
14	4	175	16	30625	700
15	4	175	16	30625	700
16	4	166	16	27556	664
17	5	184	25	33856	920
18	5	184	25	33856	920
19	5	164	25	26896	820
20	4	183	16	33489	732
Σ	90	3455	410	599665	15610

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

$$r_{xy} = \frac{312200 - 310950}{\sqrt{100 \times 56275}}$$

$$r_{xy} = \frac{1250}{\sqrt{5627500}}$$

$$r_{xy} = \frac{1250}{2372.235233}$$

$$r_{xy} = \mathbf{0.527}$$

Butir 6

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	177	25	31329	885
2	5	189	25	35721	945
3	5	190	25	36100	950
4	5	184	25	33856	920
5	2	164	4	26896	328
6	5	163	25	26569	815
7	3	164	9	26896	492

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

$$r_{xy} = \frac{279820 - 276400}{\sqrt{720 \times 56275}}$$

$$r_{xy} = \frac{3420}{\dots}$$

Butir 8

NO. RESP.	X	Y	X ²	Y ²	XY
1	4	177	16	31329	708
2	5	189	25	35721	945
3	5	190	25	36100	950
4	5	184	25	33856	920
5	5	164	25	26896	820
6	4	163	16	26569	652
7	4	164	16	26896	656

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

$$r_{xy} = \frac{291600 - 290220}{\sqrt{104 \times 56275}}$$

$$r_{xy} = \frac{1380}{\dots}$$

8	3	153	9	23409	459
9	4	149	16	22201	596
10	2	168	4	28224	336
11	3	186	9	34596	558
12	2	159	4	25281	318
13	5	178	25	31684	890
14	5	175	25	30625	875
15	5	175	25	30625	875
16	5	166	25	27556	830
17	5	184	25	33856	920
18	5	184	25	33856	920
19	1	164	1	26896	164
20	5	183	25	33489	915
∑	80	3455	356	599665	13991

$$r_{xy} = \frac{3420}{\sqrt{40518000 \cdot 6365.375087}} = \mathbf{0.537}$$

8	3	153	9	23409	459
9	4	149	16	22201	596
10	4	168	16	28224	672
11	5	186	25	34596	930
12	4	159	16	25281	636
13	4	178	16	31684	712
14	4	175	16	30625	700
15	4	175	16	30625	700
16	4	166	16	27556	664
17	4	184	16	33856	736
18	4	184	16	33856	736
19	4	164	16	26896	656
20	4	183	16	33489	732
∑	84	3455	358	599665	14580

$$r_{xy} = \frac{1380}{\sqrt{5852600 \cdot 2419.214749}} = \mathbf{0.570}$$

Butir 9

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	177	25	31329	885
2	5	189	25	35721	945
3	5	190	25	36100	950
4	5	184	25	33856	920
5	4	164	16	26896	656
6	2	163	4	26569	326
7	4	164	16	26896	656
8	3	153	9	23409	459
9	4	149	16	22201	596
10	5	168	25	28224	840
11	5	186	25	34596	930
12	5	159	25	25281	795
13	4	178	16	31684	712
14	5	175	25	30625	875
15	4	175	16	30625	700
16	4	166	16	27556	664
17	4	184	16	33856	736
18	4	184	16	33856	736
19	5	164	25	26896	820
20	5	183	25	33489	915
Σ	87	3455	391	599665	15116

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

$$r_{xy} = \frac{302320 - 300585}{\sqrt{251 \times 56275}}$$

$$r_{xy} = \frac{1735}{\sqrt{14125025}}$$

$$r_{xy} = \frac{1735}{3758.327421}$$

$$r_{xy} = \mathbf{0.462}$$

Butir 11

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	177	25	31329	885
2	5	189	25	35721	945
3	5	190	25	36100	950
4	5	184	25	33856	920
5	4	164	16	26896	656
6	5	163	25	26569	815
7	4	164	16	26896	656
8	4	153	16	23409	612
9	4	149	16	22201	596
10	4	168	16	28224	672
11	5	186	25	34596	930
12	4	159	16	25281	636
13	5	178	25	31684	890
14	5	175	25	30625	875
15	4	175	16	30625	700
16	5	166	25	27556	830
17	5	184	25	33856	920
18	4	184	16	33856	736
19	5	164	25	26896	820
20	5	183	25	33489	915
Σ	92	3455	428	599665	15959

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

$$r_{xy} = \frac{319180 - 317860}{\sqrt{96 \times 56275}}$$

$$r_{xy} = \frac{1320}{\sqrt{5402400}}$$

$$r_{xy} = \frac{1320}{2324.306348}$$

$$r_{xy} = \mathbf{0.568}$$

Butir 10

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	177	25	31329	885
2	5	189	25	35721	945
3	4	190	16	36100	760
4	5	184	25	33856	920
5	2	164	4	26896	328
6	5	163	25	26569	815
7	4	164	16	26896	656

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

$$r_{xy} = \frac{316040 - 314405}{\sqrt{219 \times 56275}}$$

$$r_{xy} = \frac{1635}{\sqrt{\quad}}$$

Butir 12

NO. RESP.	X	Y	X ²	Y ²	XY
1	4	177	16	31329	708
2	5	189	25	35721	945
3	5	190	25	36100	950
4	5	184	25	33856	920
5	4	164	16	26896	656
6	5	163	25	26569	815
7	4	164	16	26896	656

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

$$r_{xy} = \frac{319060 - 317860}{\sqrt{96 \times 56275}}$$

$$r_{xy} = \frac{1200}{\sqrt{\quad}}$$

8	4	153	16	23409	612
9	4	149	16	22201	596
10	5	168	25	28224	840
11	5	186	25	34596	930
12	4	159	16	25281	636
13	5	178	25	31684	890
14	5	175	25	30625	875
15	5	175	25	30625	875
16	4	166	16	27556	664
17	5	184	25	33856	920
18	5	184	25	33856	920
19	5	164	25	26896	820
20	5	183	25	33489	915
∑	91	3455	425	599665	15802

$$r_{xy} = \frac{1635}{\sqrt{12324225} \cdot 3510.587558} = \mathbf{0.466}$$

8	5	153	25	23409	765
9	4	149	16	22201	596
10	4	168	16	28224	672
11	5	186	25	34596	930
12	4	159	16	25281	636
13	5	178	25	31684	890
14	5	175	25	30625	875
15	4	175	16	30625	700
16	4	166	16	27556	664
17	5	184	25	33856	920
18	5	184	25	33856	920
19	5	164	25	26896	820
20	5	183	25	33489	915
∑	92	3455	428	599665	15953

$$r_{xy} = \frac{1200}{\sqrt{5402400} \cdot 2324.306348} = \mathbf{0.516}$$

Butir 13

NO. RESP.	X	Y	X ²	Y ²	XY
1	3	177	9	31329	531
2	4	189	16	35721	756
3	5	190	25	36100	950
4	5	184	25	33856	920
5	4	164	16	26896	656
6	4	163	16	26569	652
7	4	164	16	26896	656
8	2	153	4	23409	306
9	4	149	16	22201	596
10	4	168	16	28224	672
11	5	186	25	34596	930
12	4	159	16	25281	636
13	4	178	16	31684	712
14	5	175	25	30625	875
15	4	175	16	30625	700
16	4	166	16	27556	664
17	5	184	25	33856	920
18	5	184	25	33856	920
19	4	164	16	26896	656
20	4	183	16	33489	732
Σ	83	3455	355	599665	14440

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

$$r_{xy} = \frac{288800 - 286765}{\sqrt{211 \times 56275}}$$

$$r_{xy} = \frac{2035}{\sqrt{11874025}}$$

$$r_{xy} = \frac{2035}{3445.870717}$$

$$r_{xy} = \mathbf{0.591}$$

Butir 15

NO. RESP.	X	Y	X ²	Y ²	XY
1	4	177	16	31329	708
2	5	189	25	35721	945
3	5	190	25	36100	950
4	4	184	16	33856	736
5	4	164	16	26896	656
6	5	163	25	26569	815
7	4	164	16	26896	656
8	4	153	16	23409	612
9	4	149	16	22201	596
10	5	168	25	28224	840
11	5	186	25	34596	930
12	4	159	16	25281	636
13	5	178	25	31684	890
14	5	175	25	30625	875
15	5	175	25	30625	875
16	4	166	16	27556	664
17	5	184	25	33856	920
18	5	184	25	33856	920
19	5	164	25	26896	820
20	5	183	25	33489	915
Σ	92	3455	428	599665	15959

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

$$r_{xy} = \frac{319180 - 317860}{\sqrt{96 \times 56275}}$$

$$r_{xy} = \frac{1320}{\sqrt{5402400}}$$

$$r_{xy} = \frac{1320}{2324.306348}$$

$$r_{xy} = \mathbf{0.568}$$

Butir 14

NO. RESP.	X	Y	X ²	Y ²	XY
1	4	177	16	31329	708
2	5	189	25	35721	945
3	4	190	16	36100	760
4	5	184	25	33856	920
5	5	164	25	26896	820
6	4	163	16	26569	652
7	5	164	25	26896	820

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

$$r_{xy} = \frac{312260 - 310950}{\sqrt{140 \times 56275}}$$

$$r_{xy} = \frac{1310}{\underline{\quad\quad\quad}}$$

Butir 16

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	177	25	31329	885
2	4	189	16	35721	756
3	5	190	25	36100	950
4	5	184	25	33856	920
5	4	164	16	26896	656
6	5	163	25	26569	815
7	4	164	16	26896	656

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

$$r_{xy} = \frac{312200 - 310950}{\sqrt{100 \times 56275}}$$

$$r_{xy} = \frac{1250}{\underline{\quad\quad\quad}}$$

8	4	153	16	23409	612
9	4	149	16	22201	596
10	5	168	25	28224	840
11	5	186	25	34596	930
12	4	159	16	25281	636
13	5	178	25	31684	890
14	4	175	16	30625	700
15	5	175	25	30625	875
16	3	166	9	27556	498
17	5	184	25	33856	920
18	5	184	25	33856	920
19	4	164	16	26896	656
20	5	183	25	33489	915
Σ	90	3455	412	599665	15613

$$r_{xy} = \frac{1310}{\sqrt{7878500 \cdot 2806.86658}} = \mathbf{0.467}$$

8	4	153	16	23409	612
9	4	149	16	22201	596
10	4	168	16	28224	672
11	5	186	25	34596	930
12	4	159	16	25281	636
13	4	178	16	31684	712
14	5	175	25	30625	875
15	4	175	16	30625	700
16	4	166	16	27556	664
17	5	184	25	33856	920
18	5	184	25	33856	920
19	5	164	25	26896	820
20	5	183	25	33489	915
Σ	90	3455	410	599665	15610

$$r_{xy} = \frac{1250}{\sqrt{5627500 \cdot 2372.235233}} = \mathbf{0.527}$$

Butir 17

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	177	25	31329	885
2	5	189	25	35721	945
3	5	190	25	36100	950
4	5	184	25	33856	920
5	4	164	16	26896	656
6	2	163	4	26569	326
7	5	164	25	26896	820
8	3	153	9	23409	459
9	3	149	9	22201	447
10	5	168	25	28224	840
11	5	186	25	34596	930
12	5	159	25	25281	795
13	4	178	16	31684	712
14	5	175	25	30625	875
15	4	175	16	30625	700
16	3	166	9	27556	498
17	5	184	25	33856	920
18	5	184	25	33856	920
19	3	164	9	26896	492
20	5	183	25	33489	915
Σ	86	3455	388	599665	15005

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

$$r_{xy} = \frac{300100 - 297130}{\sqrt{364 \times 56275}}$$

$$r_{xy} = \frac{2970}{\sqrt{20484100}}$$

$$r_{xy} = \frac{2970}{4525.936367}$$

$$r_{xy} = \mathbf{0.656}$$

Butir 19

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	177	25	31329	885
2	1	189	1	35721	189
3	5	190	25	36100	950
4	5	184	25	33856	920
5	1	164	1	26896	164
6	5	163	25	26569	815
7	5	164	25	26896	820
8	5	153	25	23409	765
9	4	149	16	22201	596
10	5	168	25	28224	840
11	5	186	25	34596	930
12	5	159	25	25281	795
13	4	178	16	31684	712
14	5	175	25	30625	875
15	5	175	25	30625	875
16	5	166	25	27556	830
17	5	184	25	33856	920
18	5	184	25	33856	920
19	5	164	25	26896	820
20	4	183	16	33489	732
Σ	89	3455	425	599665	15353

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

$$r_{xy} = \frac{307060 - 307495}{\sqrt{579 \times 56275}}$$

$$r_{xy} = \frac{-435}{\sqrt{32583225}}$$

$$r_{xy} = \frac{-435}{5708.171774}$$

$$r_{xy} = \mathbf{-0.076}$$

Butir 18

NO. RESP.	X	Y	X ²	Y ²	XY
1	4	177	16	31329	708
2	5	189	25	35721	945
3	5	190	25	36100	950
4	5	184	25	33856	920
5	4	164	16	26896	656
6	4	163	16	26569	652
7	4	164	16	26896	656

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

$$r_{xy} = \frac{319120 - 317860}{\sqrt{96 \times 56275}}$$

$$r_{xy} = \frac{1260}{\sqrt{5402400}}$$

Butir 20

NO. RESP.	X	Y	X ²	Y ²	XY
1	4	177	16	31329	708
2	5	189	25	35721	945
3	5	190	25	36100	950
4	4	184	16	33856	736
5	5	164	25	26896	820
6	4	163	16	26569	652
7	4	164	16	26896	656

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

$$r_{xy} = \frac{302340 - 300585}{\sqrt{211 \times 56275}}$$

$$r_{xy} = \frac{1755}{\sqrt{11873425}}$$

8	5	153	25	23409	765
9	4	149	16	22201	596
10	4	168	16	28224	672
11	5	186	25	34596	930
12	4	159	16	25281	636
13	5	178	25	31684	890
14	5	175	25	30625	875
15	4	175	16	30625	700
16	5	166	25	27556	830
17	5	184	25	33856	920
18	5	184	25	33856	920
19	5	164	25	26896	820
20	5	183	25	33489	915
Σ	92	3455	428	599665	15956

$$r_{xy} = \frac{1260}{\sqrt{5402400 \cdot 2324.306348}} = \mathbf{0.542}$$

8	3	153	9	23409	459
9	4	149	16	22201	596
10	3	168	9	28224	504
11	4	186	16	34596	744
12	3	159	9	25281	477
13	5	178	25	31684	890
14	4	175	16	30625	700
15	5	175	25	30625	875
16	5	166	25	27556	830
17	5	184	25	33856	920
18	5	184	25	33856	920
19	5	164	25	26896	820
20	5	183	25	33489	915
Σ	87	3455	389	599665	15117

$$r_{xy} = \frac{1755}{\sqrt{11874025 \cdot 3445.870717}} = \mathbf{0.509}$$

Butir 21

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	177	25	31329	885
2	5	189	25	35721	945
3	5	190	25	36100	950
4	5	184	25	33856	920
5	5	164	25	26896	820
6	4	163	16	26569	652
7	4	164	16	26896	656
8	5	153	25	23409	765
9	4	149	16	22201	596
10	4	168	16	28224	672
11	5	186	25	34596	930
12	4	159	16	25281	636
13	5	178	25	31684	890
14	5	175	25	30625	875
15	5	175	25	30625	875
16	5	166	25	27556	830
17	5	184	25	33856	920
18	5	184	25	33856	920
19	5	164	25	26896	820
20	5	183	25	33489	915
Σ	95	3455	455	599665	16472

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

$$r_{xy} = \frac{329440 - 328225}{\sqrt{75 \times 56275}}$$

$$r_{xy} = \frac{1215}{\sqrt{4220625}}$$

$$r_{xy} = \frac{1215}{2054.415975}$$

$$r_{xy} = \mathbf{0.591}$$

Butir 23

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	177	25	31329	885
2	5	189	25	35721	945
3	5	190	25	36100	950
4	5	184	25	33856	920
5	5	164	25	26896	820
6	4	163	16	26569	652
7	4	164	16	26896	656
8	4	153	16	23409	612
9	4	149	16	22201	596
10	4	168	16	28224	672
11	5	186	25	34596	930
12	4	159	16	25281	636
13	5	178	25	31684	890
14	4	175	16	30625	700
15	5	175	25	30625	875
16	5	166	25	27556	830
17	5	184	25	33856	920
18	5	184	25	33856	920
19	5	164	25	26896	820
20	5	183	25	33489	915
Σ	93	3455	437	599665	16144

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

$$r_{xy} = \frac{322880 - 321315}{\sqrt{91 \times 56275}}$$

$$r_{xy} = \frac{1565}{\sqrt{5121025}}$$

$$r_{xy} = \frac{1565}{2262.968184}$$

$$r_{xy} = \mathbf{0.692}$$

Butir 22

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	177	25	31329	885
2	5	189	25	35721	945
3	5	190	25	36100	950
4	5	184	25	33856	920
5	5	164	25	26896	820
6	5	163	25	26569	815
7	4	164	16	26896	656

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

$$r_{xy} = \frac{336060 - 335135}{\sqrt{51 \times 56275}}$$

$$r_{xy} = \frac{925}{\sqrt{56275}}$$

Butir 24

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	177	25	31329	885
2	5	189	25	35721	945
3	5	190	25	36100	950
4	5	184	25	33856	920
5	5	164	25	26896	820
6	4	163	16	26569	652
7	5	164	25	26896	820

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

$$r_{xy} = \frac{319320 - 317860}{\sqrt{96 \times 56275}}$$

$$r_{xy} = \frac{1460}{\sqrt{56275}}$$

8	5	153	25	23409	765
9	4	149	16	22201	596
10	5	168	25	28224	840
11	5	186	25	34596	930
12	4	159	16	25281	636
13	5	178	25	31684	890
14	5	175	25	30625	875
15	5	175	25	30625	875
16	5	166	25	27556	830
17	5	184	25	33856	920
18	5	184	25	33856	920
19	5	164	25	26896	820
20	5	183	25	33489	915
Σ	97	3455	473	599665	16803

$$r_{xy} = \frac{925}{\sqrt{2870025 \cdot 1694.114813}} = \mathbf{0.546}$$

8	4	153	16	23409	612
9	4	149	16	22201	596
10	4	168	16	28224	672
11	5	186	25	34596	930
12	4	159	16	25281	636
13	4	178	16	31684	712
14	4	175	16	30625	700
15	5	175	25	30625	875
16	5	166	25	27556	830
17	5	184	25	33856	920
18	5	184	25	33856	920
19	4	164	16	26896	656
20	5	183	25	33489	915
Σ	92	3455	428	599665	15966

$$r_{xy} = \frac{1460}{\sqrt{5402400 \cdot 2324.306348}} = \mathbf{0.628}$$

Butir 25

NO. RESP.	X	Y	X ²	Y ²	XY
1	4	177	16	31329	708
2	5	189	25	35721	945
3	5	190	25	36100	950
4	5	184	25	33856	920
5	2	164	4	26896	328
6	4	163	16	26569	652
7	5	164	25	26896	820
8	4	153	16	23409	612
9	3	149	9	22201	447
10	4	168	16	28224	672
11	5	186	25	34596	930
12	4	159	16	25281	636
13	4	178	16	31684	712
14	4	175	16	30625	700
15	4	175	16	30625	700
16	4	166	16	27556	664
17	4	184	16	33856	736
18	4	184	16	33856	736
19	4	164	16	26896	656
20	4	183	16	33489	732
Σ	82	3455	346	599665	14256

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

$$r_{xy} = \frac{285120 - 283310}{\sqrt{196 \times 56275}}$$

$$r_{xy} = \frac{1810}{\sqrt{11029900}}$$

$$r_{xy} = \frac{1810}{3321.129326}$$

$$r_{xy} = \mathbf{0.545}$$

Butir 27

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	177	25	31329	885
2	5	189	25	35721	945
3	5	190	25	36100	950
4	5	184	25	33856	920
5	4	164	16	26896	656
6	4	163	16	26569	652
7	5	164	25	26896	820
8	5	153	25	23409	765
9	4	149	16	22201	596
10	4	168	16	28224	672
11	5	186	25	34596	930
12	4	159	16	25281	636
13	5	178	25	31684	890
14	5	175	25	30625	875
15	5	175	25	30625	875
16	5	166	25	27556	830
17	5	184	25	33856	920
18	5	184	25	33856	920
19	5	164	25	26896	820
20	5	183	25	33489	915
Σ	95	3455	455	599665	16472

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

$$r_{xy} = \frac{329440 - 328225}{\sqrt{75 \times 56275}}$$

$$r_{xy} = \frac{1215}{\sqrt{4220625}}$$

$$r_{xy} = \frac{1215}{2054.415975}$$

$$r_{xy} = \mathbf{0.591}$$

Butir 26

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	177	25	31329	885
2	5	189	25	35721	945
3	5	190	25	36100	950
4	5	184	25	33856	920
5	4	164	16	26896	656
6	4	163	16	26569	652
7	5	164	25	26896	820

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

$$r_{xy} = \frac{326160 - 324770}{\sqrt{84 \times 56275}}$$

$$r_{xy} = \frac{1390}{\underline{\hspace{2cm}}}$$

Butir 28

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	177	25	31329	885
2	5	189	25	35721	945
3	5	190	25	36100	950
4	5	184	25	33856	920
5	4	164	16	26896	656
6	2	163	4	26569	326
7	5	164	25	26896	820

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

$$r_{xy} = \frac{302820 - 300585}{\sqrt{251 \times 56275}}$$

$$r_{xy} = \frac{2235}{\underline{\hspace{2cm}}}$$

8	5	153	25	23409	765
9	4	149	16	22201	596
10	4	168	16	28224	672
11	5	186	25	34596	930
12	4	159	16	25281	636
13	5	178	25	31684	890
14	5	175	25	30625	875
15	5	175	25	30625	875
16	5	166	25	27556	830
17	5	184	25	33856	920
18	5	184	25	33856	920
19	4	164	16	26896	656
20	5	183	25	33489	915
∑	94	3455	446	599665	16308

$$r_{xy} = \frac{1390}{\sqrt{4727100 \cdot 2174.189504}} = \mathbf{0.639}$$

8	4	153	16	23409	612
9	4	149	16	22201	596
10	4	168	16	28224	672
11	5	186	25	34596	930
12	4	159	16	25281	636
13	5	178	25	31684	890
14	4	175	16	30625	700
15	5	175	25	30625	875
16	4	166	16	27556	664
17	5	184	25	33856	920
18	5	184	25	33856	920
19	3	164	9	26896	492
20	4	183	16	33489	732
∑	87	3455	391	599665	15141

$$r_{xy} = \frac{2235}{\sqrt{14125025 \cdot 3758.327421}} = \mathbf{0.595}$$

Butir 29

NO. RESP.	X	Y	X ²	Y ²	XY
1	4	177	16	31329	708
2	5	189	25	35721	945
3	5	190	25	36100	950
4	4	184	16	33856	736
5	5	164	25	26896	820
6	4	163	16	26569	652
7	4	164	16	26896	656
8	3	153	9	23409	459
9	3	149	9	22201	447
10	4	168	16	28224	672
11	3	186	9	34596	558
12	4	159	16	25281	636
13	4	178	16	31684	712
14	4	175	16	30625	700
15	5	175	25	30625	875
16	3	166	9	27556	498
17	4	184	16	33856	736
18	4	184	16	33856	736
19	3	164	9	26896	492
20	4	183	16	33489	732
Σ	79	3455	321	599665	13720

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

$$r_{xy} = \frac{274400 - 272945}{\sqrt{179 \times 56275}}$$

$$r_{xy} = \frac{1455}{\sqrt{10073225}}$$

$$r_{xy} = \frac{1455}{3173.834432}$$

$$r_{xy} = \mathbf{0.458}$$

Butir 31

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	177	25	31329	885
2	5	189	25	35721	945
3	5	190	25	36100	950
4	5	184	25	33856	920
5	5	164	25	26896	820
6	5	163	25	26569	815
7	5	164	25	26896	820
8	5	153	25	23409	765
9	4	149	16	22201	596
10	4	168	16	28224	672
11	5	186	25	34596	930
12	4	159	16	25281	636
13	5	178	25	31684	890
14	5	175	25	30625	875
15	5	175	25	30625	875
16	5	166	25	27556	830
17	5	184	25	33856	920
18	5	184	25	33856	920
19	4	164	16	26896	656
20	5	183	25	33489	915
Σ	96	3455	464	599665	16635

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

$$r_{xy} = \frac{332700 - 331680}{\sqrt{64 \times 56275}}$$

$$r_{xy} = \frac{1020}{\sqrt{3601600}}$$

$$r_{xy} = \frac{1020}{1897.788186}$$

$$r_{xy} = \mathbf{0.537}$$

Butir 30

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	177	25	31329	885
2	5	189	25	35721	945
3	5	190	25	36100	950
4	4	184	16	33856	736
5	5	164	25	26896	820
6	2	163	4	26569	326
7	4	164	16	26896	656

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

$$r_{xy} = \frac{261160 - 259125}{\sqrt{355 \times 56275}}$$

$$r_{xy} = \frac{2035}{\dots}$$

Butir 32

NO. RESP.	X	Y	X ²	Y ²	XY
1	4	177	16	31329	708
2	5	189	25	35721	945
3	5	190	25	36100	950
4	4	184	16	33856	736
5	5	164	25	26896	820
6	5	163	25	26569	815
7	4	164	16	26896	656

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

$$r_{xy} = \frac{301820 - 300585}{\sqrt{131 \times 56275}}$$

$$r_{xy} = \frac{1235}{\dots}$$

8	4	153	16	23409	612
9	3	149	9	22201	447
10	3	168	9	28224	504
11	4	186	16	34596	744
12	3	159	9	25281	477
13	4	178	16	31684	712
14	3	175	9	30625	525
15	5	175	25	30625	875
16	2	166	4	27556	332
17	3	184	9	33856	552
18	4	184	16	33856	736
19	3	164	9	26896	492
20	4	183	16	33489	732
∑	75	3455	299	599665	13058

$$r_{xy} = \frac{2035}{\sqrt{4469.633654} \cdot \sqrt{19977625}} = 0.455$$

8	4	153	16	23409	612
9	4	149	16	22201	596
10	4	168	16	28224	672
11	5	186	25	34596	930
12	4	159	16	25281	636
13	4	178	16	31684	712
14	5	175	25	30625	875
15	4	175	16	30625	700
16	4	166	16	27556	664
17	5	184	25	33856	920
18	5	184	25	33856	920
19	3	164	9	26896	492
20	4	183	16	33489	732
∑	87	3455	385	599665	15091

$$r_{xy} = \frac{1235}{\sqrt{2715.147326} \cdot \sqrt{7372025}} = 0.455$$

Butir 33

NO. RESP.	X	Y	X ²	Y ²	XY
1	5	177	25	31329	885
2	5	189	25	35721	945
3	5	190	25	36100	950
4	4	184	16	33856	736
5	5	164	25	26896	820
6	4	163	16	26569	652
7	4	164	16	26896	656
8	4	153	16	23409	612
9	3	149	9	22201	447
10	4	168	16	28224	672
11	5	186	25	34596	930
12	4	159	16	25281	636
13	4	178	16	31684	712
14	5	175	25	30625	875
15	4	175	16	30625	700
16	4	166	16	27556	664
17	4	184	16	33856	736
18	4	184	16	33856	736
19	4	164	16	26896	656
20	4	183	16	33489	732
Σ	85	3455	367	599665	14752

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

$$r_{xy} = \frac{295040 - 293675}{\sqrt{115 \times 56275}}$$

$$r_{xy} = \frac{1365}{\sqrt{6471625}}$$

$$r_{xy} = \frac{1365}{2543.938875}$$

$$r_{xy} = \mathbf{0.537}$$

Butir 35

NO. RESP.	X	Y	X ²	Y ²	XY
1	4	177	16	31329	708
2	5	189	25	35721	945
3	5	190	25	36100	950
4	5	184	25	33856	920
5	5	164	25	26896	820
6	5	163	25	26569	815
7	3	164	9	26896	492
8	3	153	9	23409	459
9	3	149	9	22201	447
10	5	168	25	28224	840
11	1	186	1	34596	186
12	5	159	25	25281	795
13	5	178	25	31684	890
14	5	175	25	30625	875
15	4	175	16	30625	700
16	5	166	25	27556	830
17	4	184	16	33856	736
18	4	184	16	33856	736
19	4	164	16	26896	656
20	5	183	25	33489	915
Σ	85	3455	383	599665	14715

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

$$r_{xy} = \frac{294300 - 293675}{\sqrt{435 \times 56275}}$$

$$r_{xy} = \frac{625}{\sqrt{24479625}}$$

$$r_{xy} = \frac{625}{4947.688854}$$

$$r_{xy} = \mathbf{0.126}$$

Butir 34

NO. RESP.	X	Y	X ²	Y ²	XY
1	4	177	16	31329	708
2	5	189	25	35721	945
3	5	190	25	36100	950
4	4	184	16	33856	736
5	5	164	25	26896	820
6	4	163	16	26569	652
7	4	164	16	26896	656

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

$$r_{xy} = \frac{308880 - 307495}{\sqrt{99 \times 56275}}$$

$$r_{xy} = \frac{1385}{\sqrt{\quad}}$$

Butir 36

NO. RESP.	X	Y	X ²	Y ²	XY
1	3	177	9	31329	531
2	4	189	16	35721	756
3	5	190	25	36100	950
4	4	184	16	33856	736
5	2	164	4	26896	328
6	3	163	9	26569	489
7	4	164	16	26896	656

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

$$r_{xy} = \frac{257320 - 255670}{\sqrt{204 \times 56275}}$$

$$r_{xy} = \frac{1650}{\sqrt{\quad}}$$

8	4	153	16	23409	612
9	4	149	16	22201	596
10	4	168	16	28224	672
11	5	186	25	34596	930
12	4	159	16	25281	636
13	5	178	25	31684	890
14	4	175	16	30625	700
15	4	175	16	30625	700
16	5	166	25	27556	830
17	5	184	25	33856	920
18	5	184	25	33856	920
19	4	164	16	26896	656
20	5	183	25	33489	915
Σ	89	3455	401	599665	15444

$$r_{xy} = \frac{1385}{\sqrt{2360.344255 \cdot 5571225}} = \mathbf{0.587}$$

8	3	153	9	23409	459
9	4	149	16	22201	596
10	4	168	16	28224	672
11	5	186	25	34596	930
12	3	159	9	25281	477
13	4	178	16	31684	712
14	3	175	9	30625	525
15	3	175	9	30625	525
16	4	166	16	27556	664
17	4	184	16	33856	736
18	4	184	16	33856	736
19	4	164	16	26896	656
20	4	183	16	33489	732
Σ	74	3455	284	599665	12866

$$r_{xy} = \frac{1650}{\sqrt{11480100 \cdot 3388.229626}} = \mathbf{0.487}$$

Butir 37

NO. RESP.	X	Y	X ²	Y ²	XY
1	4	177	16	31329	708
2	4	189	16	35721	756
3	5	190	25	36100	950
4	4	184	16	33856	736
5	4	164	16	26896	656
6	3	163	9	26569	489
7	4	164	16	26896	656
8	3	153	9	23409	459
9	3	149	9	22201	447
10	4	168	16	28224	672
11	5	186	25	34596	930
12	4	159	16	25281	636
13	2	178	4	31684	356
14	3	175	9	30625	525
15	4	175	16	30625	700
16	3	166	9	27556	498
17	4	184	16	33856	736
18	4	184	16	33856	736
19	4	164	16	26896	656
20	4	183	16	33489	732
Σ	75	3455	291	599665	13034

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

$$r_{xy} = \frac{260680 - 259125}{\sqrt{195 \times 56275}}$$

$$r_{xy} = \frac{1555}{\sqrt{10973625}}$$

$$r_{xy} = \frac{1555}{3312.646223}$$

$$r_{xy} = \mathbf{0.469}$$

Butir 39

NO. RESP.	X	Y	X ²	Y ²	XY
1	4	177	16	31329	708
2	5	189	25	35721	945
3	4	190	16	36100	760
4	4	184	16	33856	736
5	4	164	16	26896	656
6	4	163	16	26569	652
7	4	164	16	26896	656
8	3	153	9	23409	459
9	3	149	9	22201	447
10	4	168	16	28224	672
11	4	186	16	34596	744
12	4	159	16	25281	636
13	4	178	16	31684	712
14	4	175	16	30625	700
15	4	175	16	30625	700
16	2	166	4	27556	332
17	4	184	16	33856	736
18	4	184	16	33856	736
19	4	164	16	26896	656
20	4	183	16	33489	732
Σ	77	3455	303	599665	13375

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

$$r_{xy} = \frac{267500 - 266035}{\sqrt{131 \times 56275}}$$

$$r_{xy} = \frac{1465}{\sqrt{7372025}}$$

$$r_{xy} = \frac{1465}{2715.147326}$$

$$r_{xy} = \mathbf{0.540}$$

Butir 38

NO. RESP.	X	Y	X ²	Y ²	XY
1	3	177	9	31329	531
2	4	189	16	35721	756
3	4	190	16	36100	760
4	4	184	16	33856	736
5	2	164	4	26896	328
6	4	163	16	26569	652
7	4	164	16	26896	656

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

$$r_{xy} = \frac{263000 - 262580}{\sqrt{144 \times 56275}}$$

$$r_{xy} = \frac{420}{\underline{\quad\quad\quad}}$$

Butir 40

NO. RESP.	X	Y	X ²	Y ²	XY
1	3	177	9	31329	531
2	4	189	16	35721	756
3	1	190	1	36100	190
4	3	184	9	33856	552
5	2	164	4	26896	328
6	3	163	9	26569	489
7	3	164	9	26896	492

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

$$r_{xy} = \frac{176060 - 176205}{\sqrt{459 \times 56275}}$$

$$r_{xy} = \frac{-145}{\underline{\quad\quad\quad}}$$

8	3	153	9	23409	459
9	4	149	16	22201	596
10	4	168	16	28224	672
11	4	186	16	34596	744
12	4	159	16	25281	636
13	3	178	9	31684	534
14	4	175	16	30625	700
15	4	175	16	30625	700
16	5	166	25	27556	830
17	4	184	16	33856	736
18	4	184	16	33856	736
19	4	164	16	26896	656
20	4	183	16	33489	732
∑	76	3455	296	599665	13150

$$r_{xy} = \frac{420}{\sqrt{8103600 \cdot 2846.682279}} = \mathbf{0.148}$$

8	3	153	9	23409	459
9	2	149	4	22201	298
10	5	168	25	28224	840
11	3	186	9	34596	558
12	4	159	16	25281	636
13	3	178	9	31684	534
14	1	175	1	30625	175
15	2	175	4	30625	350
16	1	166	1	27556	166
17	2	184	4	33856	368
18	2	184	4	33856	368
19	1	164	1	26896	164
20	3	183	9	33489	549
∑	51	3455	153	599665	8803

$$r_{xy} = \frac{-145}{\sqrt{25830225 \cdot 5082.344439}} = \mathbf{-0.029}$$

Lampiran 9

Tabel Hasil Analisis Butir Instrumen Variabel Y

N=20, $\alpha= 0,05$, maka angka kritis $r=0,444$

No. Item Instrumen	Hasil Koefsien	Status
1	0.630	VALID
2	0.540	VALID
3	0.482	VALID
4	0.470	VALID
5	0.559	VALID
6	0.537	VALID
7	0.527	VALID
8	0.570	VALID
9	0.462	VALID
10	0.466	VALID
11	0.568	VALID
12	0.516	VALID
13	0.591	VALID
14	0.467	VALID
15	0.568	VALID
16	0.527	VALID
17	0.656	VALID
18	0.542	VALID
19	-0.076	DROP
20	0.509	VALID
21	0.591	VALID
22	0.546	VALID
23	0.692	VALID
24	0.628	VALID
25	0.545	VALID
26	0.639	VALID
27	0.591	VALID
28	0.595	VALID
29	0.458	VALID
30	0.455	VALID
31	0.537	VALID
32	0.455	VALID
33	0.537	VALID
34	0.587	VALID
35	0.126	DROP
36	0.487	VALID
37	0.469	VALID
38	0.148	DROP
39	0.540	VALID
40	-0.029	DROP
	Σ VALID	36
	Σ DROP	4

Lampiran 10
Uji Reliabilitas Variabel X
Kompensasi

Responden	Butir Soal																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	5	5	5	5	5	4	5	4	5	5	5	5	5	5	1	5	3
2	4	4	4	5	2	1	1	1	5	5	5	5	5	4	1	3	2
3	5	5	4	5	4	5	4	1	5	4	5	5	3	2	2	5	5
4	4	3	1	1	3	2	4	2	1	1	1	1	2	3	3	2	1
5	5	5	4	4	2	4	2	4	4	4	4	4	4	4	5	5	5
6	5	5	1	1	2	2	5	3	1	1	1	1	1	4	1	1	1
7	4	4	4	4	4	4	2	1	1	1	2	4	2	4	2	1	1
8	2	4	5	5	4	2	1	5	2	4	4	4	4	5	1	4	4
9	5	5	5	5	5	5	2	5	2	1	1	1	4	5	1	4	4
10	5	5	4	5	5	4	4	2	5	4	3	5	2	4	3	4	5
11	5	5	5	5	5	5	4	3	4	4	3	2	5	5	3	4	4
12	5	5	4	5	5	4	4	5	5	4	4	5	4	5	3	4	5
13	5	5	5	5	5	5	5	5	5	5	4	5	5	5	5	5	5
14	4	5	4	4	3	2	3	4	4	2	2	2	4	5	4	4	2
15	5	5	4	4	3	5	4	5	4	4	4	5	5	5	4	3	1
16	4	5	3	3	5	5	4	5	4	5	1	5	5	5	1	4	4
17	5	4	5	5	5	4	4	5	4	4	3	5	4	5	2	4	4
18	5	4	5	5	5	4	4	5	4	4	3	5	4	4	2	4	4
19	5	4	5	4	5	4	4	4	2	2	2	2	2	3	2	4	4
20	5	4	5	4	5	2	4	5	5	3	3	3	3	5	4	4	4
n	20																
K	35																

VAR. BUTIR	0.568	0.366	1.463	1.537	1.358	1.713	1.526	2.326	2.253	2.134	1.895	2.537	1.608	0.766	1.842	1.379	2.253
JML VAR. BUTIR	45.87																
VAR. TOTAL	460.34																
RELIABILITAS	0.927																

Berdasarkan perhitungan diatas didapat r hitung = 0.927 sedangkan r tabel dengan n 20 dan α 0.05 adalah sebesar 0.444 karena r hitung = 0,927 > r tabel = 0.444 maka angket dikatakan reliabel

Lampiran 10
Uji Reliabilitas Vari
Kompensasi

Responden	Butir Soal																		Jumlah
	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
1	5	5	5	1	5	5	4	4	4	2	4	4	4	4	5	5	4	5	152
2	4	2	4	1	5	4	3	4	1	2	2	5	4	4	4	4	5	4	119
3	4	3	5	1	3	5	3	2	1	1	3	4	5	5	3	5	2	3	127
4	4	1	3	3	3	4	4	4	1	3	4	4	3	4	4	4	3	3	94
5	5	4	4	1	5	5	4	4	4	4	4	5	4	5	5	5	5	5	147
6	4	1	5	1	4	5	4	4	1	4	4	5	3	4	4	4	4	4	101
7	5	4	3	1	5	4	3	4	4	2	2	4	2	4	4	4	2	3	105
8	4	2	5	1	2	4	4	4	1	1	2	4	2	2	1	4	1	2	106
9	5	4	4	1	2	4	3	4	1	4	4	3	1	2	1	4	2	2	111
10	5	5	4	3	3	4	3	5	4	3	4	4	5	5	4	5	4	4	143
11	5	3	5	5	5	5	5	5	4	5	5	5	5	5	5	5	4	3	155
12	4	5	4	3	5	5	4	5	4	5	5	5	5	5	4	4	5	4	157
13	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	4	172
14	4	4	5	4	2	3	4	3	4	5	3	4	4	4	4	4	4	3	126
15	5	4	5	3	2	5	3	4	5	5	4	5	4	4	4	4	4	4	144
16	5	4	5	2	5	4	5	5	2	5	5	5	4	5	3	4	3	4	143
17	5	4	5	1	5	5	5	4	3	4	4	5	4	4	4	4	3	4	145
18	5	4	5	1	5	5	5	4	3	5	4	5	4	4	4	4	1	4	143
19	4	4	4	1	3	4	4	4	4	4	4	4	4	4	4	4	2	3	123
20	5	4	5	3	5	4	5	4	4	4	4	5	4	4	4	4	4	4	144
n																			
K																			

VAR. BUTIR	0.253	1.516	0.474	1.734	1.629	0.366	0.632	0.516	2.211	1.924	0.905	0.368	1.221	0.766	1.221	0.221	1.713	0.674
JML VAR. BUTIR																		
VAR. TOTAL																		
RELIABILITAS																		

Berdasarkan perhitu
karena r hitung = 0,9

Lampiran 11
Uji Reliabilitas Variabel Y
Kinerja Guru

Responden	Butir Soal																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	5	5	5	5	4	5	4	4	5	5	5	4	3	4	4	5	5	4	4
2	5	5	5	5	4	5	5	5	5	5	5	5	4	5	5	4	5	5	5
3	5	5	4	4	5	5	5	5	5	4	5	5	5	4	5	5	5	5	5
4	5	4	4	5	4	5	5	5	5	5	5	5	5	5	4	5	5	5	4
5	5	5	5	5	5	2	4	5	4	2	4	4	4	5	4	4	4	4	5
6	5	5	4	4	4	5	5	4	2	5	5	5	4	4	5	5	2	4	4
7	4	4	4	3	3	3	4	4	4	4	4	4	4	5	4	4	5	4	4
8	4	4	4	4	3	3	4	3	3	4	4	5	2	4	4	4	3	5	3
9	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	3	4	4
10	4	4	5	5	4	2	5	4	5	5	4	4	4	5	5	4	5	4	3
11	5	5	5	5	5	3	5	5	5	5	5	5	5	5	5	5	5	5	4
12	4	4	4	4	4	2	4	4	5	4	4	4	4	4	4	4	5	4	3
13	5	5	5	5	4	5	5	4	4	5	5	5	4	5	5	4	4	5	5
14	4	4	5	5	4	5	4	4	5	5	5	5	5	4	5	5	5	5	4
15	5	4	5	4	4	5	4	4	4	5	4	4	4	5	5	4	4	4	5
16	5	5	5	5	2	5	4	4	4	4	5	4	4	3	4	4	3	5	5
17	5	5	5	5	4	5	5	4	4	5	5	5	5	5	5	5	5	5	5
18	5	5	5	5	4	5	5	4	4	5	4	5	5	5	5	5	5	5	5
19	5	4	4	5	3	1	5	4	5	5	5	5	4	4	5	5	3	5	5
20	5	5	5	5	4	5	4	4	5	5	5	5	4	5	5	5	5	5	5
n	20																		
K	36																		

VAR. BUTIR	0.221	0.261	0.253	0.358	0.555	1.895	0.263	0.274	0.661	0.576	0.253	0.253	0.555	0.368	0.253	0.263	0.958	0.253	0.555	
JML VAR. BUTIR	15.321																			
VAR. TOTAL	149.379																			
RELIABILITAS	0.923																			

Berdasarkan perhitungan diatas didapat r hitung = 0.923 sedangkan r tabel dengan n 20 dan α 0.05 adalah sebesar 0.444 karena r hitung = 0.923 > r tabel = 0.444 maka angket dikatakan reliabel

Lampiran 11
Uji Reliabilitas Vari
Kinerja Guru

Responden	Butir Soal																	Jumlah
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
1	5	5	5	5	4	5	5	5	4	5	5	4	5	4	3	4	4	162
2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	5	175
3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	175
4	5	5	5	5	5	5	5	5	4	4	5	4	4	4	4	4	4	167
5	5	5	5	5	2	4	4	4	5	5	5	5	5	5	2	4	4	154
6	4	5	4	4	4	4	4	2	4	2	5	5	4	4	3	3	4	146
7	4	4	4	5	5	5	5	5	4	4	5	4	4	4	4	4	4	149
8	5	5	4	4	4	5	5	4	3	4	5	4	4	4	3	3	3	139
9	4	4	4	4	3	4	4	4	3	3	4	4	3	4	4	3	3	136
10	4	5	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	149
11	5	5	5	5	5	5	5	5	3	4	5	5	5	5	5	5	4	173
12	4	4	4	4	4	4	4	4	4	3	4	4	4	4	3	4	4	141
13	5	5	5	4	4	5	5	5	4	4	5	4	4	5	4	2	4	163
14	5	5	4	4	4	5	5	4	4	3	5	5	5	4	3	3	4	160
15	5	5	5	5	4	5	5	5	5	5	5	4	4	4	3	4	4	160
16	5	5	5	5	4	5	5	4	3	2	5	4	4	5	4	3	2	150
17	5	5	5	5	4	5	5	5	4	3	5	5	4	5	4	4	4	169
18	5	5	5	5	4	5	5	5	4	4	5	5	4	5	4	4	4	169
19	5	5	5	4	4	4	5	3	3	3	4	3	4	4	4	4	4	150
20	5	5	5	5	4	5	5	4	4	4	5	4	4	5	4	4	4	167
n																		
K																		

VAR. BUTIR	0.197	0.134	0.239	0.253	0.516	0.221	0.197	0.661	0.471	0.934	0.168	0.345	0.303	0.261	0.537	0.513	0.345
JML VAR. BUTIR																	
VAR. TOTAL																	
RELIABILITAS																	

Berdasarkan perhitu
karena r hitung = 0.9

NO RESP.	NOMOR ITEM																																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
45	3	4	4	3	4	4	3	4	4	4	4	3	4	2	4	4	4	3	4	3	4	4	3	3	2	4	4	3	3	4	4	2	4	3	4	
46	5	4	4	4	5	4	4	3	5	4	3	5	3	4	5	4	5	4	4	3	4	5	4	3	5	4	3	4	4	3	4	4	4	4	4	
47	5	5	4	5	5	5	5	5	4	4	4	5	4	4	4	4	4	5	4	4	4	4	5	5	5	4	4	4	3	5	3	4	4	5	4	
48	4	5	5	4	4	3	4	4	5	4	5	4	5	5	5	5	4	2	5	4	5	5	4	4	3	5	4	5	4	5	4	3	5	3	4	
49	3	4	4	4	4	3	3	4	3	4	4	4	3	3	3	4	3	4	5	4	4	4	4	2	4	3	3	4	3	4	4	3	4	5	5	
50	4	4	4	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
51	3	3	4	4	3	3	4	2	3	3	4	3	4	3	3	3	2	2	5	3	2	3	3	3	3	5	3	3	3	4	3	5	3	3	3	
52	4	5	5	5	4	5	5	3	5	4	4	4	4	4	5	4	4	5	4	4	5	5	5	5	5	5	5	5	3	4	4	5	4	4	5	
53	4	3	4	4	3	3	4	3	3	4	3	3	2	3	3	3	5	4	4	3	3	4	4	5	3	3	3	3	4	3	3	3	3	3	3	
54	4	4	4	3	4	3	4	4	3	4	4	4	4	3	4	4	4	3	4	4	3	3	4	3	4	4	4	4	5	3	4	4	5	4	4	
55	3	4	4	4	3	4	4	3	4	4	4	4	3	4	2	3	3	2	4	3	4	4	3	4	4	3	4	4	3	3	3	4	3	4	3	
56	5	5	4	4	4	4	4	4	4	5	4	4	4	5	4	4	4	5	4	5	4	4	4	4	4	4	5	5	5	5	4	4	4	4	4	
57	4	4	4	3	3	3	3	4	4	4	3	4	4	5	5	4	5	5	3	5	4	5	5	4	4	4	5	4	5	5	4	4	4	4	3	
58	4	4	4	3	4	3	4	4	3	4	4	4	4	3	4	4	4	5	4	4	3	3	4	3	4	4	4	5	3	4	4	5	4	4	4	
59	5	4	4	4	3	4	4	4	4	3	4	4	4	4	4	3	3	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	3	3
60	5	4	3	3	4	4	3	4	4	4	4	4	5	4	4	4	5	4	3	4	3	4	4	4	4	4	5	5	4	4	5	5	4	3	3	
61	5	4	4	4	4	4	4	4	4	3	4	4	4	4	4	3	4	4	5	4	5	5	4	3	5	5	5	4	4	5	5	4	3	4	4	
62	3	3	4	3	2	3	3	4	3	3	4	4	4	3	3	2	3	4	3	3	4	4	3	4	4	3	3	3	4	3	3	3	3	3	3	
63	5	4	4	4	4	5	5	4	5	5	4	5	5	5	5	4	4	4	5	4	5	4	4	5	5	4	4	4	4	4	4	5	4	4	5	
64	4	3	3	4	4	5	3	4	4	4	4	4	4	5	3	2	3	4	4	3	4	3	3	3	3	3	2	2	5	3	3	4	4	3	4	
65	5	4	4	3	4	4	3	4	3	4	2	4	5	4	4	4	5	4	3	4	4	4	3	3	4	2	5	5	2	4	5	5	4	3	3	
66	3	3	4	4	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	4	3	3	3	3	3	3	3	
67	5	4	4	4	4	4	5	4	5	3	4	5	5	4	4	4	4	4	4	3	5	5	5	5	5	5	4	5	3	4	3	5	5	5	5	
68	4	4	4	4	4	4	4	4	5	4	4	4	4	3	4	4	3	4	3	5	5	3	5	3	3	4	3	3	4	3	3	3	3	3	4	
69	4	4	4	4	4	4	4	4	3	5	4	4	3	3	4	4	4	4	4	4	5	3	4	4	3	4	3	3	4	3	3	4	3	3	4	
n	69																																			
SKOR	293	279	271	264	261	270	266	259	265	251	259	270	266	251	265	254	251	260	266	244	269	258	254	257	270	263	264	260	244	273	261	266	252	249	265	

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JUMLA H
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9170

Lampiran 17
Perhitungan Uji Linieritas dengan Persamaan Regresi Linier

NO	X	Y	X ²	Y ²	XY
1	127	138	16129	19044	17526
2	131	155	17161	24025	20305
3	137	142	18769	20164	19454
4	128	140	16384	19600	17920
5	146	137	21316	18769	20002
6	127	149	16129	22201	18923
7	122	143	14884	20449	17446
8	145	141	21025	19881	20445
9	137	153	18769	23409	20961
10	126	137	15876	18769	17262
11	135	159	18225	25281	21465
12	132	139	17424	19321	18348
13	129	136	16641	18496	17544
14	146	136	21316	18496	19856
15	126	149	15876	22201	18774
16	114	137	12996	18769	15618
17	149	156	22201	24336	23244
18	143	144	20449	20736	20592
19	164	143	26896	20449	23452
20	132	137	17424	18769	18084
21	156	162	24336	26244	25272
22	136	166	18496	27556	22576
23	111	118	12321	13924	13098
24	145	171	21025	29241	24795
25	149	136	22201	18496	20264
26	166	135	27556	18225	22410
27	117	144	13689	20736	16848
28	143	164	20449	26896	23452
29	123	126	15129	15876	15498
30	112	126	12544	15876	14112
31	129	136	16641	18496	17544
32	119	136	14161	18496	16184
33	112	146	12544	21316	16352
34	149	151	22201	22801	22499
35	114	132	12996	17424	15048
36	104	120	10816	14400	12480
37	133	140	17689	19600	18620
38	115	108	13225	11664	12420
39	134	155	17956	24025	20770
40	109	117	11881	13689	12753
41	147	174	21609	30276	25578
42	137	164	18769	26896	22468
43	116	124	13456	15376	14384
44	126	154	15876	23716	19404
45	123	127	15129	16129	15621
46	141	153	19881	23409	21573
47	152	159	23104	25281	24168
48	149	161	22201	25921	23989
49	129	151	16641	22801	19479
50	141	175	19881	30625	24675
51	113	111	12769	12321	12543
52	156	145	24336	21025	22620
53	118	130	13924	16900	15340
54	133	149	17689	22201	19817
55	122	150	14884	22500	18300
56	150	143	22500	20449	21450
57	143	150	20449	22500	21450
58	135	125	18225	15625	16875
59	134	124	17956	15376	16616
60	140	150	19600	22500	21000
61	145	158	21025	24964	22910
62	115	110	13225	12100	12650
63	155	131	24025	17161	20305
64	123	149	15129	22201	18327
65	133	153	17689	23409	20349
66	108	126	11664	15876	13608
67	152	162	23104	26244	24624
68	131	152	17161	23104	19912
69	131	139	17161	19321	18209
Σ	9170	9859	1232808	1424353	1318460

Diketahui :

$$\begin{aligned}
 n &= 69 \\
 \sum X &= 9170 \\
 \sum Y &= 9859 \\
 \sum X^2 &= 1232808 \\
 \sum Y^2 &= 1424353 \\
 \sum XY &= 1318460
 \end{aligned}$$

Dimasukkan ke dalam persamaan

$$\hat{y} = a + bx$$

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

$$a = \frac{12154254072 - 12090278200}{85063752 - 84088900}$$

$$a = \frac{63975872}{974852}$$

$$a = 65.63$$

$$b = \frac{90973740 - 90407030}{85063752 - 84088900}$$

$$b = \frac{566710}{974852}$$

$$b = 0.581$$

Berdasarkan perhitungan di atas maka persamaan regresi liniernya adalah

$$\hat{Y} = 65.63 + 0.58X$$

Lampiran 15
 Perhitungan Uji Normalitas Variabel (X) dan (Y)
 Kompensasi dan Kinerja Guru

NO	\hat{Y}	Zi	F(Zi)	S(Zi)	[F(Zi)-S(Zi)]
1	126.08	-2.00	0.0225	0.0145	0.0080
2	128.41	-1.73	0.0421	0.0290	0.0131
3	128.99	-1.66	0.0487	0.0435	0.0052
4	130.15	-1.52	0.0644	0.0580	0.0064
5	130.74	-1.45	0.0735	0.0870	0.0134
6	130.74	-1.45	0.0735	0.0870	0.0134
7	131.32	-1.38	0.0837	0.1014	0.0177
8	131.90	-1.31	0.0949	0.1304	0.0355
9	131.90	-1.31	0.0949	0.1304	0.0355
10	132.48	-1.24	0.1072	0.1594	0.0523
11	132.48	-1.24	0.1072	0.1594	0.0523
12	133.06	-1.17	0.1205	0.1739	0.0534
13	133.64	-1.10	0.1350	0.1884	0.0534
14	134.22	-1.03	0.1507	0.2029	0.0522
15	134.80	-0.96	0.1675	0.2174	0.0499
16	136.55	-0.76	0.2248	0.2464	0.0216
17	136.55	-0.76	0.2248	0.2464	0.0216
18	137.13	-0.69	0.2461	0.2899	0.0437
19	137.13	-0.69	0.2461	0.2899	0.0437
20	137.13	-0.69	0.2461	0.2899	0.0437
21	138.87	-0.48	0.3161	0.3333	0.0172
22	138.87	-0.48	0.3161	0.3333	0.0172
23	138.87	-0.48	0.3161	0.3333	0.0172
24	139.46	-0.41	0.3412	0.3623	0.0211
25	139.46	-0.41	0.3412	0.3623	0.0211
26	140.04	-0.34	0.3670	0.3768	0.0098
27	140.62	-0.27	0.3934	0.4203	0.0269
28	140.62	-0.27	0.3934	0.4203	0.0269
29	140.62	-0.27	0.3934	0.4203	0.0269
30	141.78	-0.13	0.4476	0.4638	0.0162
31	141.78	-0.13	0.4476	0.4638	0.0162
32	141.78	-0.13	0.4476	0.4638	0.0162
33	142.36	-0.06	0.4751	0.4928	0.0176
34	142.36	-0.06	0.4751	0.4928	0.0176
35	142.94	0.01	0.5028	0.5362	0.0334
36	142.94	0.01	0.5028	0.5362	0.0334
37	142.94	0.01	0.5028	0.5362	0.0334
38	143.52	0.08	0.5305	0.5652	0.0348
39	143.52	0.08	0.5305	0.5652	0.0348
40	144.11	0.15	0.5580	0.5942	0.0362
41	144.11	0.15	0.5580	0.5942	0.0362
42	144.69	0.22	0.5852	0.6087	0.0235
43	145.27	0.28	0.6120	0.6522	0.0402
44	145.27	0.28	0.6120	0.6522	0.0402
45	145.27	0.28	0.6120	0.6522	0.0402
46	147.01	0.49	0.6889	0.6667	0.0222
47	147.59	0.56	0.7130	0.6957	0.0173
48	147.59	0.56	0.7130	0.6957	0.0173
49	148.76	0.70	0.7583	0.7101	0.0481
50	148.76	0.70	0.7583	0.7391	0.0192
51	148.76	0.70	0.7583	0.7391	0.0192
52	149.92	0.84	0.7994	0.7826	0.0168
53	149.92	0.84	0.7994	0.7826	0.0168
54	149.92	0.84	0.7994	0.7826	0.0168

\bar{X} = 142.88

S = 8.3794

n = 69

MAX = 0.0534

NO	\hat{Y}	Zi	F(Zi)	S(Zi)	[F(Zi)-S(Zi)]
55	150.50	0.91	0.8183	0.8116	0.0067
56	150.50	0.91	0.8183	0.8116	0.0067
57	151.08	0.98	0.8360	0.8261	0.0100
58	152.24	1.12	0.8680	0.8841	0.0160
59	152.24	1.12	0.8680	0.8841	0.0160
60	152.24	1.12	0.8680	0.8841	0.0160
61	152.24	1.12	0.8680	0.8841	0.0160
62	152.83	1.19	0.8823	0.8986	0.0163
63	153.99	1.33	0.9074	0.9275	0.0201
64	153.99	1.33	0.9074	0.9275	0.0201
65	155.73	1.53	0.9374	0.9420	0.0046
66	156.31	1.60	0.9455	0.9710	0.0255
67	156.31	1.60	0.9455	0.9710	0.0255
68	160.96	2.16	0.9845	0.9855	0.0010
69	162.13	2.30	0.9892	1.0000	0.0108

Berdasarkan perhitungan di atas di dapat nilai Lhitung terbesar = 0.0534

Sementara itu Ltabel untuk n=69 dan $\alpha=0.05$ adalah 0.1067

Ini berarti L_{hitung} lebih kecil daripada L_{tabel} ($0.0534 < 0.1067$)

Dengan demikian dapat disimpulkan skor variabel X dan Y berdistribusi normal.

$L_{tabel} = \frac{0.8860}{\sqrt{n}} = \frac{0.8860}{8.3066} = 0.1067$
--

Lampiran 16
Perhitungan Distribusi Frekuensi
Variabel (X) Kompensasi

Range = Nilai Tertinggi - Nilai Terendah
 = 166 - 104
 = 62

Banyaknya kelas = $1 + 3.3 \log n$
 = $1 + 3.3 \log 69$
 = $1 + 6.07$
 = 7.07
 = 7

Interval Kelas = $62/7$
 = 8.9 = 9

Bedasarkan perhitungan diatas, maka tabel distribusi frekuensi adalah sebagai berikut:

Kelas Interval	Batas Kelas	Titik Tengah	Frekuensi	%
104 - 112	103.5 - 112.5	108	6	9
113 - 121	112.5 - 121.5	117	9	13
122 - 130	121.5 - 130.5	126	14	20
131 - 139	130.5 - 139.5	135	16	23
140 - 148	139.5 - 148.5	144	12	17
149 - 157	148.5 - 157.5	153	10	14
158 - 166	157.5 - 166.5	162	2	3
Jumlah			69	100

Perhitungan Distribusi Frekuensi
Variabel (Y) Kinerja Guru

Range = Nilai Tertinggi - Nilai Terendah
 = 175 - 108
 = 67

Banyaknya kelas = $1 + 3.3 \log n$
 = $1 + 3.3 \log 69$
 = $1 + 6.07$
 = 7.07
 = 7

Interval Kelas = $67/7$
 = 9.57 = 10

Bedasarkan perhitungan diatas, maka tabel distribusi frekuensi adalah sebagai berikut:

Kelas Interval	Batas Kelas	Titik Tengah	Frekuensi	%
108 - 117	107.5 - 117.5	112.5	4	6
118 - 127	117.5 - 127.5	122.5	9	13
128 - 137	127.5 - 137.5	132.5	13	19
138 - 147	137.5 - 147.5	142.5	14	20
148 - 157	147.5 - 157.5	152.5	17	25
158 - 167	157.5 - 167.5	162.5	9	13
168 - 177	167.5 - 177.5	172.5	3	4
Jumlah			69	100

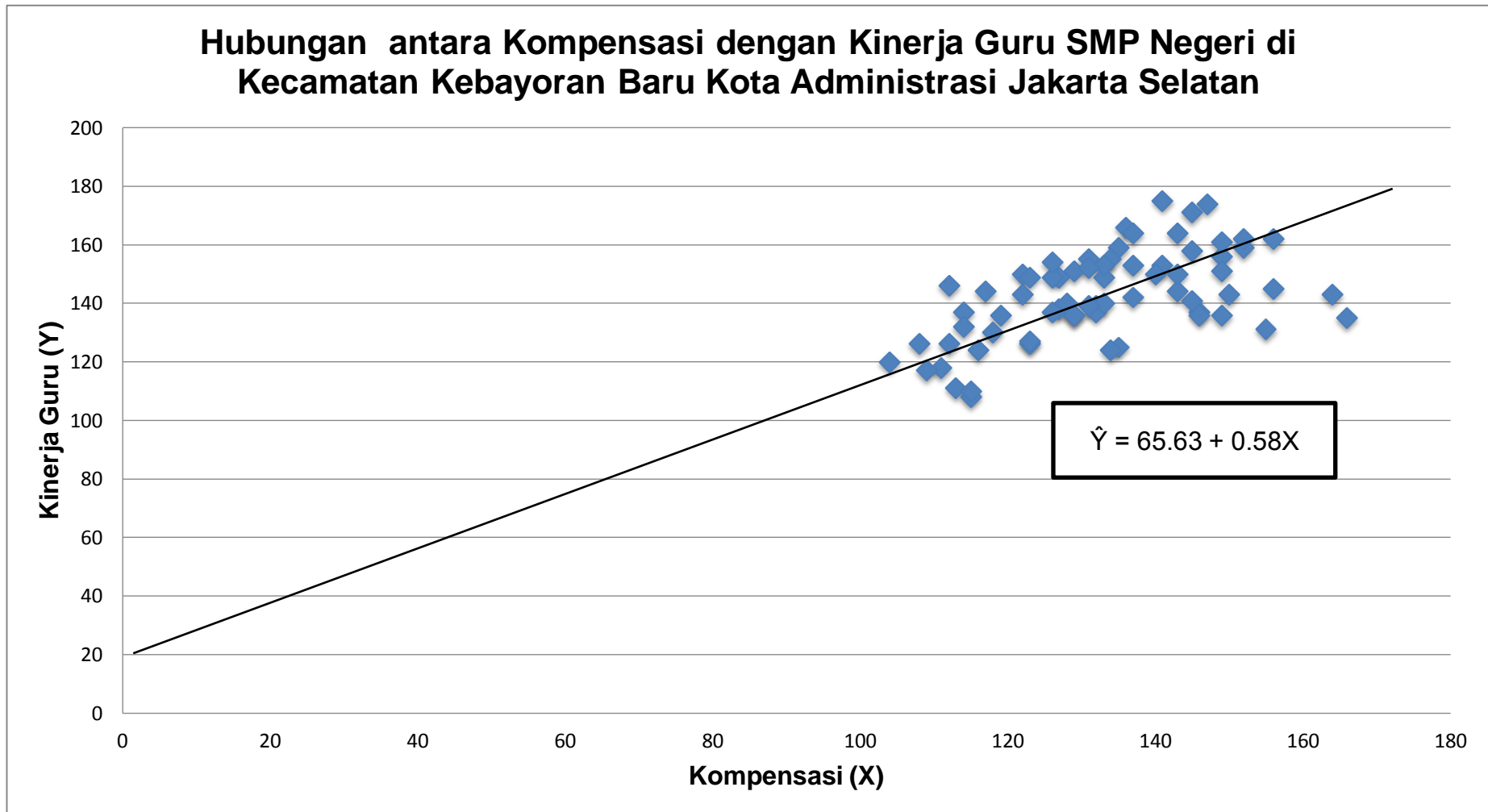
Lampiran 18
 SOURCE DATA
 PERHITUNGAN UJI LINIERITAS DENGAN PERSAMAAN REGRESI LINIER

NO	X	Y
1	127	138
2	131	155
3	137	142
4	128	140
5	146	137
6	127	149
7	122	143
8	145	141
9	137	153
10	126	137
11	135	159
12	132	139
13	129	136
14	146	136
15	126	149
16	114	137
17	149	156
18	143	144
19	164	143
20	132	137
21	156	162
22	136	166
23	111	118
24	145	171
25	149	136
26	166	135
27	117	144
28	143	164
29	123	126
30	112	126
31	129	136
32	119	136
33	112	146
34	149	151
35	114	132
36	104	120
37	133	140
38	115	108
39	134	155
40	109	117
41	147	174
42	137	164
43	116	124
44	126	154
45	123	127
46	141	153
47	152	159
48	149	161
49	129	151
50	141	175
51	113	111
52	156	145
53	118	130
54	133	149
55	122	150
56	150	143
57	143	150
58	135	125
59	134	124
60	140	150
61	145	158
62	115	110
63	155	131
64	123	149
65	133	153
66	108	126
67	152	162
68	131	152
69	131	139
Σ	9170	9859

a = 65.63
 b = 0.58

Lampiran 19

Grafik Persamaan Linier



Lampiran 21

Perhitungan Uji Koefisien Korelasi Untuk Pengujian Hipotesis

NO	X	Y	X ²	Y ²	XY
1	127	138	16129	19044	17526
2	131	155	17161	24025	20305
3	137	142	18769	20164	19454
4	128	140	16384	19600	17920
5	146	137	21316	18769	20002
6	127	149	16129	22201	18923
7	122	143	14884	20449	17446
8	145	141	21025	19881	20445
9	137	153	18769	23409	20961
10	126	137	15876	18769	17262
11	135	159	18225	25281	21465
12	132	139	17424	19321	18348
13	129	136	16641	18496	17544
14	146	136	21316	18496	19856
15	126	149	15876	22201	18774
16	114	137	12996	18769	15618
17	149	156	22201	24336	23244
18	143	144	20449	20736	20592
19	164	143	26896	20449	23452
20	132	137	17424	18769	18084
21	156	162	24336	26244	25272
22	136	166	18496	27556	22576
23	111	118	12321	13924	13098
24	145	171	21025	29241	24795
25	149	136	22201	18496	20264
26	166	135	27556	18225	22410
27	117	144	13689	20736	16848
28	143	164	20449	26896	23452
29	123	126	15129	15876	15498
30	112	126	12544	15876	14112
31	129	136	16641	18496	17544
32	119	136	14161	18496	16184
33	112	146	12544	21316	16352
34	149	151	22201	22801	22499
35	114	132	12996	17424	15048
36	104	120	10816	14400	12480
37	133	140	17689	19600	18620
38	115	108	13225	11664	12420
39	134	155	17956	24025	20770
40	109	117	11881	13689	12753
41	147	174	21609	30276	25578
42	137	164	18769	26896	22468
43	116	124	13456	15376	14384
44	126	154	15876	23716	19404
45	123	127	15129	16129	15621
46	141	153	19881	23409	21573
47	152	159	23104	25281	24168
48	149	161	22201	25921	23989
49	129	151	16641	22801	19479
50	141	175	19881	30625	24675
51	113	111	12769	12321	12543
52	156	145	24336	21025	22620
53	118	130	13924	16900	15340
54	133	149	17689	22201	19817
55	122	150	14884	22500	18300
56	150	143	22500	20449	21450
57	143	150	20449	22500	21450
58	135	125	18225	15625	16875
59	134	124	17956	15376	16616
60	140	150	19600	22500	21000
61	145	158	21025	24964	22910
62	115	110	13225	12100	12650
63	155	131	24025	17161	20305
64	123	149	15129	22201	18327
65	133	153	17689	23409	20349
66	108	126	11664	15876	13608
67	152	162	23104	26244	24624
68	131	152	17161	23104	19912
69	131	139	17161	19321	18209
Σ	9170	9859	1232808	1424353	1318460

Diketahui :

$$\begin{aligned}
 n &= 69 \\
 \sum X &= 9170 \\
 \sum Y &= 9859 \\
 \sum X^2 &= 1232808 \\
 \sum Y^2 &= 1424353 \\
 \sum XY &= 1318460
 \end{aligned}$$

Perhitungan uji koefisien korelasi untuk pengujian hipotesis menggunakan rumus korelasi product moment dari Pearson

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

$$r_{xy} = \frac{90973740 - 90407030}{\sqrt{974852} \times 1080476}$$

$$r_{xy} = \frac{566710}{\sqrt{1053304189552}}$$

$$r_{xy} = \frac{566710}{1026306.09}$$

$$r_{xy} = 0.552184193$$

Jadi diperoleh nilai $r_{xy} = 0.552184193$

Untuk mengetahui kontribusi yang diberikan variabel X terhadap Y maka dilakukan perhitungan koefisien determinasi sebagai berikut :

$$Kd = 0.552184193^2 \times 100\%$$

$$Kd = 0.304907383 \times 100\%$$

$$\mathbf{Kd = 30.49\%}$$

Lampiran 22

Perhitungan Uji Hipotesis terhadap Koefisien Korelasi

Uji ini dilakukan untuk mengetahui nilai signifikansi atau nilai keyakinan dari koefisien korelasi menguji keindepedenan atau uji satu pihak variabel Kompensasi dengan Kinerja Guru melalui uji-t

Dengan taraf nyata 0,05 dan $dk = n - 2 = 69 - 2 = 67$, dari daftar distribusi untuk uji t satu pihak $t_{0.95} = 1.670$

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

$$t = \frac{0.55218 \sqrt{69-2}}{\sqrt{1-0.30491}}$$

$$t = \frac{0.55218 \sqrt{67}}{\sqrt{0.69509}}$$

$$t = \frac{0.55218 \times 8.18535}{0.833722146}$$

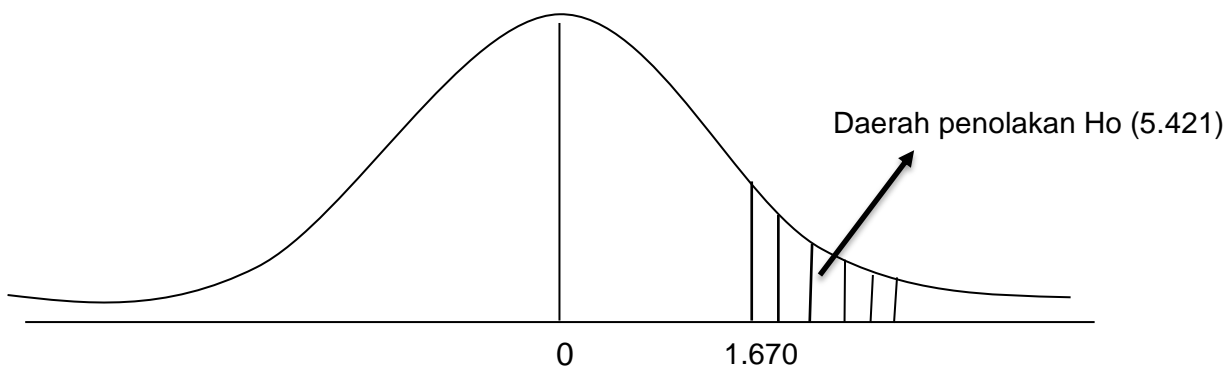
$$t = \frac{4.51982}{0.83372}$$

$$t = 5.42126$$

$$t = \mathbf{5.421}$$

Dengan taraf nyata 0,05 dan $dk = 67$, dari daftar distribusi t didapat untuk uji satu pihak $t_{0.95} = 1.670$

Karena nilai t_{hitung} lebih besar dari t_{tabel} ($5.421 > 1.670$), artinya nilai t_{hitung} berada di daerah penolakan H_0 maka dengan demikian H_0 ditolak



Dengan demikian hipotesis kerja (H_a) yang menyatakan bahwa terdapat Hubungan yang positif antara Kompensasi dengan Kinerja Guru SMPN Kecamatan Kebayoran Baru Kota Administrasi Jakarta Selatan, **DITERIMA**

Lampiran 20
Uji Kolinieran Regresi

NO	X	Y	X2	Y2	XY
1	127	138	16129	19044	17526
2	131	155	17161	24025	20305
3	137	142	18769	20164	19454
4	128	140	16384	19600	17920
5	146	137	21316	18769	20002
6	127	149	16129	22201	18923
7	122	143	14884	20449	17446
8	145	141	21025	19881	20445
9	137	153	18769	23409	20961
10	126	137	15876	18769	17262
11	135	159	18225	25281	21465
12	132	139	17424	19321	18348
13	129	136	16641	18496	17544
14	146	136	21316	18496	19856
15	126	149	15876	22201	18774
16	114	137	12996	18769	15618
17	149	156	22201	24336	23244
18	143	144	20449	20736	20592
19	164	143	26896	20449	23452
20	132	137	17424	18769	18084
21	156	162	24336	26244	25272
22	136	166	18496	27556	22576
23	111	118	12321	13924	13098
24	145	171	21025	29241	24795
25	149	136	22201	18496	20264
26	166	135	27556	18225	22410
27	117	144	13689	20736	16848
28	143	164	20449	26896	23452
29	123	126	15129	15876	15498
30	112	126	12544	15876	14112
31	129	136	16641	18496	17544
32	119	136	14161	18496	16184
33	112	146	12544	21316	16352
34	149	151	22201	22801	22499
35	114	132	12996	17424	15048
36	104	120	10816	14400	12480
37	133	140	17689	19600	18620
38	115	108	13225	11664	12420
39	134	155	17956	24025	20770
40	109	117	11881	13689	12753
41	147	174	21609	30276	25578
42	137	164	18769	26896	22468
43	116	124	13456	15376	14384
44	126	154	15876	23716	19404
45	123	127	15129	16129	15621
46	141	153	19881	23409	21573
47	152	159	23104	25281	24168
48	149	161	22201	25921	23989
49	129	151	16641	22801	19479
50	141	175	19881	30625	24675
51	113	111	12769	12321	12543
52	156	145	24336	21025	22620
53	118	130	13924	16900	15340
54	133	149	17689	22201	19817
55	122	150	14884	22500	18300
56	150	143	22500	20449	21450
57	143	150	20449	22500	21450
58	135	125	18225	15625	16875
59	134	124	17956	15376	16616
60	140	150	19600	22500	21000
61	145	158	21025	24964	22910
62	115	110	13225	12100	12650
63	155	131	24025	17161	20305
64	123	149	15129	22201	18327
65	133	153	17689	23409	20349
66	108	126	11664	15876	13608
67	152	162	23104	26244	24624
68	131	152	17161	23104	19912
69	131	139	17161	19321	18209
	9170	9859	1232808	1424353	1318460

NO	X	Y	Y ₂	k	JK (e)
1	104	120	14400	1	0
2	108	126	15876	2	0
3	109	117	13689	3	0
4	111	118	13924	4	0
5	112	126	15876	5	200
6	112	146	21316	6	0
7	113	111	12321	7	12.5
8	114	137	18769	8	2
9	114	132	17424	9	0
10	115	108	11664	10	0
11	115	110	12100	11	0
12	116	124	15376	12	0
13	117	144	20736	13	24.5
14	118	130	16900	14	338
15	119	136	18496	15	152.667
16	122	143	20449	16	60.5
17	122	150	22500	17	0
18	123	126	15876	18	150
19	123	127	16129	19	144.667
20	123	149	22201	20	2
21	126	137	18769	21	88.6667
22	126	149	22201	22	480.5
23	126	154	23716	23	578
24	127	138	19044	24	0
25	127	149	22201	25	242
26	128	140	19600	26	0
27	129	136	18496	27	242
28	129	136	18496	28	210.667
29	129	151	22801	29	452.667
30	131	155	24025	30	0.5
31	131	152	23104	31	0
32	131	139	19321	32	350
33	132	139	19321	33	0
34	132	137	18769	34	4.5
35	133	140	19600	35	0
36	133	153	23409	36	144.5
37	133	164	26896	37	0
38	134	155	24025	38	0
39	134	124	15376		
40	135	159	25281		
41	135	125	15625		
42	136	166	27556		
43	137	142	20164		
44	137	153	23409		
45	137	164	26896		
46	140	150	22500		
47	141	153	23409		
48	141	175	30625		
49	143	144	20736		
50	143	164	26896		
51	143	150	22500		
52	145	141	19881		
53	145	171	29241		
54	145	158	24964		
55	146	137	18769		
56	146	136	18496		
57	147	174	30276		
58	149	156	24336		
59	149	136	18496		
60	149	151	22801		
61	149	161	25921		
62	150	143	20449		
63	152	159	25281		
64	152	162	26244		
65	155	131	17161		
66	156	162	26244		
67	156	145	21025		
68	164	143	20449		
69	166	135	18225		
JUMLAH					3880.83

Sumber Varians	dk	JK	KT=JK/dk	Fhitung	F _{tabel} (α=0,05)	F _{tabel} (α=0,01)
koefisien (a)	1	1408693.928	1408693.928	29.390	3.9840493	7.02897
regresi(bla)	1	4774.566808	4774.566808			
residu	67	10884.50566	162.4553083	1.554	1.796	2.3044
Tuna Cocok	36	7003.672	194.5464534			
Kekeliruan	31	3880.833	125.188172			

Keterangan :

JK = Jumlah Kuadrat
dk = Derajat Kebebasan

Berdasarkan tabel diatas maka dapat disimpulkan bahwa persamaan regresi terbukti signifikan dengan F Hitung lebih besar dari F tabel. **F hitung = 23.390 > 3.984 F tabel.**

Selain itu, Berdasarkan tabel diatas maka dapat disimpulkan bahwa persamaan regresi terbukti linier dengan F Hitung lebih kecil dari F tabel. **F hitung = 1.554 < 1.796 F tabel.**

Lampiran 14
Perhitungan Uji Rata-rata Simpangan Baku Variabel X dan Y

No	X	Y	Ŷ
1	127	138	139.4550578
2	131	155	141.7803749
3	137	142	145.2683505
4	128	140	140.0363871
5	146	137	150.5003139
6	127	149	139.4550578
7	122	143	136.5484115
8	145	141	149.9189846
9	137	153	145.2683505
10	126	137	138.8737285
11	135	159	144.1056919
12	132	139	142.3617041
13	129	136	140.6177163
14	146	136	150.5003139
15	126	149	138.8737285
16	114	137	131.8977773
17	149	156	152.2443017
18	143	144	148.7563261
19	164	143	160.9642407
20	132	137	142.3617041
21	156	162	156.3136066
22	136	166	144.6870212
23	111	118	130.1537895
24	145	171	149.9189846
25	149	136	152.2443017
26	166	135	162.1268993
27	117	144	133.6417651
28	143	164	148.7563261
29	123	126	137.1297407
30	112	126	130.7351188
31	129	136	140.6177163
32	119	136	134.8044236
33	112	146	130.7351188
34	149	151	152.2443017
35	114	132	131.8977773
36	104	120	126.0844846
37	133	140	142.9430334
38	115	108	132.4791066
39	134	155	143.5243627
40	109	117	128.991131
41	147	174	151.0816432
42	137	164	145.2683505
43	116	124	133.0604358
44	126	154	138.8737285
45	123	127	137.1297407
46	141	153	147.5936676
47	152	159	153.9882895
48	149	161	152.2443017
49	129	151	140.6177163
50	141	175	147.5936676
51	113	111	131.316448
52	156	145	156.3136066
53	118	130	134.2230944
54	133	149	142.9430334
55	122	150	136.5484115
56	150	143	152.825631
57	143	150	148.7563261
58	135	125	144.1056919
59	134	124	143.5243627
60	140	150	147.0123383
61	145	158	149.9189846
62	115	110	132.4791066
63	155	131	155.7322773
64	123	149	137.1297407
65	133	153	142.9430334
66	108	126	128.4098017
67	152	162	153.9882895
68	131	152	141.7803749
69	131	139	141.7803749
	9170	9859	9859

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

$$\bar{Y} = \frac{9859}{69}$$

$$\bar{Y} = 142.8841$$

$$s = 8.3794$$

Lampiran 11
Perhitungan Rata-rata dan Simpangan Baku
Variabel (X) Kompensasi

NO	X	(X - \bar{X})	(X - \bar{X}) ²
1	127	-5.90	34.79
2	131	-1.90	3.60
3	137	4.10	16.82
4	128	-4.90	24.00
5	146	13.10	171.65
6	127	-5.90	34.79
7	122	-10.90	118.78
8	145	12.10	146.45
9	137	4.10	16.82
10	126	-6.90	47.59
11	135	2.10	4.42
12	132	-0.90	0.81
13	129	-3.90	15.20
14	146	13.10	171.65
15	126	-6.90	47.59
16	114	-18.90	357.16
17	149	16.10	259.26
18	143	10.10	102.04
19	164	31.10	967.30
20	132	-0.90	0.81
21	156	23.10	533.68
22	136	3.10	9.62
23	111	-21.90	479.55
24	145	12.10	146.45
25	149	16.10	259.26
26	166	33.10	1095.71
27	117	-15.90	252.76
28	143	10.10	102.04
29	123	-9.90	97.98
30	112	-20.90	436.75
31	129	-3.90	15.20
32	119	-13.90	193.17
33	112	-20.90	436.75
34	149	16.10	259.26
35	114	-18.90	357.16
36	104	-28.90	835.13
37	133	0.10	0.01
38	115	-17.90	320.36
39	134	1.10	1.21
40	109	-23.90	571.14
41	147	14.10	198.85
42	137	4.10	16.82
43	116	-16.90	285.56
44	126	-6.90	47.59
45	123	-9.90	97.98
46	141	8.10	65.63
47	152	19.10	364.87
48	149	16.10	259.26
49	129	-3.90	15.20
50	141	8.10	65.63
51	113	-19.90	395.95
52	156	23.10	533.68
53	118	-14.90	221.97
54	133	0.10	0.01
55	122	-10.90	118.78
56	150	17.10	292.46
57	143	10.10	102.04
58	135	2.10	4.42
59	134	1.10	1.21
60	140	7.10	50.43
61	145	12.10	146.45
62	115	-17.90	320.36
63	155	22.10	488.47
64	123	-9.90	97.98
65	133	0.10	0.01
66	108	-24.90	619.94
67	152	19.10	364.87
68	131	-1.90	3.60
69	131	-1.90	3.60
Σ	9170		14128.29

$$\bar{X} = \frac{\sum X}{n}$$

$$\bar{X} = \frac{9170}{69}$$

$$\bar{X} = \mathbf{132.90}$$

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

$$S^2 = \frac{14128.29}{68}$$

$$S^2 = \mathbf{207.77}$$

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

$$S = \mathbf{14.41}$$

$$Mo = 149$$

$$Me = 133$$

Lampiran 12
Perhitungan Uji Normalitas Variabel (X) Kompensasi
dengan menggunakan Uji Liliefors

No	X	Zi	F(Zi)	S(Zi)	[F(Zi)-S(Zi)]
1	104	-2.00	0.0225	0.0145	0.0080
2	108	-1.73	0.0421	0.0290	0.0131
3	109	-1.66	0.0487	0.0435	0.0052
4	111	-1.52	0.0644	0.0580	0.0064
5	112	-1.45	0.0735	0.0870	0.0134
6	112	-1.45	0.0735	0.0870	0.0134
7	113	-1.38	0.0837	0.1014	0.0177
8	114	-1.31	0.0949	0.1304	0.0355
9	114	-1.31	0.0949	0.1304	0.0355
10	115	-1.24	0.1072	0.1594	0.0522
11	115	-1.24	0.1072	0.1594	0.0523
12	116	-1.17	0.1205	0.1739	0.0534
13	117	-1.10	0.1350	0.1884	0.0534
14	118	-1.03	0.1507	0.2029	0.0522
15	119	-0.96	0.1675	0.2174	0.0499
16	122	-0.76	0.2248	0.2464	0.0216
17	122	-0.76	0.2248	0.2464	0.0216
18	123	-0.69	0.2461	0.2899	0.0438
19	123	-0.69	0.2461	0.2899	0.0438
20	123	-0.69	0.2461	0.2899	0.0437
21	126	-0.48	0.3161	0.3333	0.0172
22	126	-0.48	0.3161	0.3333	0.0172
23	126	-0.48	0.3161	0.3333	0.0172
24	127	-0.41	0.3412	0.3623	0.0211
25	127	-0.41	0.3412	0.3623	0.0211
26	128	-0.34	0.3670	0.3768	0.0098
27	129	-0.27	0.3934	0.4203	0.0269
28	129	-0.27	0.3934	0.4203	0.0269
29	129	-0.27	0.3934	0.4203	0.0269
30	131	-0.13	0.4476	0.4638	0.0162
31	131	-0.13	0.4476	0.4638	0.0162
32	131	-0.13	0.4476	0.4638	0.0162
33	132	-0.06	0.4751	0.4928	0.0176
34	132	-0.06	0.4751	0.4928	0.0176
35	133	0.01	0.5028	0.5362	0.0334
36	133	0.01	0.5028	0.5362	0.0334

$\bar{X} = 132.90$

$S = 14.41$

$n = 69$

$MAX = 0.0534$

No	X	Zi	F(Zi)	S(Zi)	[F(Zi)-S(Zi)]
37	133	0.01	0.5028	0.5362	0.0334
38	134	0.08	0.5305	0.5652	0.0347
39	134	0.08	0.5305	0.5652	0.0348
40	135	0.15	0.5580	0.5942	0.0362
41	135	0.15	0.5580	0.5942	0.0362
42	136	0.22	0.5852	0.6087	0.0235
43	137	0.28	0.6120	0.6522	0.0402
44	137	0.28	0.6120	0.6522	0.0402
45	137	0.28	0.6120	0.6522	0.0402
46	140	0.49	0.6889	0.6667	0.0222
47	141	0.56	0.7130	0.6957	0.0173
48	141	0.56	0.7130	0.6957	0.0173
49	143	0.70	0.7583	0.7391	0.0192
50	143	0.70	0.7583	0.7391	0.0192
51	143	0.70	0.7583	0.7391	0.0192
52	145	0.84	0.7994	0.7826	0.0168
53	145	0.84	0.7994	0.7826	0.0168
54	145	0.84	0.7994	0.7826	0.0168
55	146	0.91	0.8183	0.8116	0.0067
56	146	0.91	0.8183	0.8116	0.0067
57	147	0.98	0.8360	0.8261	0.0100
58	149	1.12	0.8680	0.8841	0.0161
59	149	1.12	0.8680	0.8841	0.0161
60	149	1.12	0.8680	0.8841	0.0161
61	149	1.12	0.8680	0.8841	0.0160
62	150	1.19	0.8823	0.8986	0.0163
63	152	1.33	0.9074	0.9275	0.0201
64	152	1.33	0.9074	0.9275	0.0201
65	155	1.53	0.9374	0.9420	0.0046
66	156	1.60	0.9455	0.9710	0.0255
67	156	1.60	0.9455	0.9710	0.0255
68	164	2.16	0.9845	0.9855	0.0010
69	166	2.30	0.9892	1.0000	0.0108

Berdasarkan perhitungan di atas di dapat nilai Lhitung terbesar = 0.0534

Sementara itu Ltabel untuk n=69 dan $\alpha=0.05$ adalah 0.1067

Ini berarti L_{hitung} lebih kecil daripada L_{tabel} ($0.0534 < 0.1067$)

Dengan demikian dapat disimpulkan skor variabel X berdistribusi normal.

$L_{tabel} = \frac{0.8860}{\sqrt{n}} = \frac{0.8860}{8.3066} = 0.1067$
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Lampiran 14
Perhitungan Rata-rata dan Simpangan Baku
Variabel (Y) Kinerja Guru

NO	Y	(X - \bar{X})	(X - \bar{X}) ²
1	138	-4.88	23.85
2	155	12.12	146.80
3	142	-0.88	0.78
4	140	-2.88	8.32
5	137	-5.88	34.62
6	149	6.12	37.40
7	143	0.12	0.01
8	141	-1.88	3.55
9	153	10.12	102.33
10	137	-5.88	34.62
11	159	16.12	259.72
12	139	-3.88	15.09
13	136	-6.88	47.39
14	136	-6.88	47.39
15	149	6.12	37.40
16	137	-5.88	34.62
17	156	13.12	172.03
18	144	1.12	1.25
19	143	0.12	0.01
20	137	-5.88	34.62
21	162	19.12	365.42
22	166	23.12	534.35
23	118	-24.88	619.22
24	171	28.12	790.51
25	136	-6.88	47.39
26	135	-7.88	62.16
27	144	1.12	1.25
28	164	21.12	445.88
29	126	-16.88	285.07
30	126	-16.88	285.07
31	136	-6.88	47.39
32	136	-6.88	47.39
33	146	3.12	9.71
34	151	8.12	65.87
35	132	-10.88	118.46
36	120	-22.88	523.68
37	140	-2.88	8.32
38	108	-34.88	1216.90
39	155	12.12	146.80
40	117	-25.88	669.98
41	174	31.12	968.20
42	164	21.12	445.88
43	124	-18.88	356.61
44	154	11.12	123.56
45	127	-15.88	252.30
46	153	10.12	102.33
47	159	16.12	259.72
48	161	18.12	328.19
49	151	8.12	65.87
50	175	32.12	1031.43
51	111	-31.88	1016.59
52	145	2.12	4.48
53	130	-12.88	166.00
54	149	6.12	37.40
55	150	7.12	50.64
56	143	0.12	0.01
57	150	7.12	50.64
58	125	-17.88	319.84
59	124	-18.88	356.61
60	150	7.12	50.64
61	158	15.12	228.49
62	110	-32.88	1081.36
63	131	-11.88	141.23
64	149	6.12	37.40
65	153	10.12	102.33
66	126	-16.88	285.07
67	162	19.12	365.42
68	152	9.12	83.10
69	139	-3.88	15.09
Σ	9859		15659.07

$$\bar{X} = \frac{\sum X}{n}$$

$$\bar{X} = \frac{9859}{69}$$

$$\bar{X} = \mathbf{142.88}$$

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

$$S^2 = \frac{15659.07}{68}$$

$$S^2 = \mathbf{230.28}$$

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

$$S = \mathbf{15.17}$$

$$Mo = 136$$

$$Me = 143$$

Lampiran 15
Perhitungan Uji Normalitas Variabel (Y) Kinerja Guru
dengan menggunakan Uji Liliefors

No	Y	Zi	F(Zi)	S(Zi)	[F(Zi)-S(Zi)]
1	108	-2.30	0.0108	0.0145	0.0037
2	110	-2.17	0.0151	0.0290	0.0139
3	111	-2.10	0.0178	0.0435	0.0257
4	117	-1.71	0.0440	0.0580	0.0139
5	118	-1.64	0.0505	0.0725	0.0219
6	120	-1.51	0.0658	0.0870	0.0212
7	124	-1.24	0.1067	0.1159	0.0093
8	124	-1.24	0.1067	0.1159	0.0093
9	125	-1.18	0.1193	0.1304	0.0111
10	126	-1.11	0.1329	0.1739	0.0410
11	126	-1.11	0.1329	0.1739	0.0410
12	126	-1.11	0.1329	0.1739	0.0410
13	127	-1.05	0.1476	0.1884	0.0408
14	130	-0.85	0.1979	0.2029	0.0050
15	131	-0.78	0.2168	0.2174	0.0006
16	132	-0.72	0.2366	0.2319	0.0047
17	135	-0.52	0.3017	0.2464	0.0553
18	136	-0.45	0.3250	0.3188	0.0062
19	136	-0.45	0.3250	0.3188	0.0062
20	136	-0.45	0.3250	0.3188	0.0062
21	136	-0.45	0.3250	0.3188	0.0062
22	136	-0.45	0.3250	0.3188	0.0062
23	137	-0.39	0.3491	0.3768	0.0277
24	137	-0.39	0.3491	0.3768	0.0277
25	137	-0.39	0.3491	0.3768	0.0277
26	137	-0.39	0.3491	0.3768	0.0277
27	138	-0.32	0.3738	0.3913	0.0175
28	139	-0.26	0.3990	0.4203	0.0213
29	139	-0.26	0.3990	0.4203	0.0213
30	140	-0.19	0.4246	0.4493	0.0247
31	140	-0.19	0.4246	0.4493	0.0246
32	141	-0.12	0.4506	0.4638	0.0132
33	142	-0.06	0.4768	0.4783	0.0015
34	143	0.01	0.5030	0.5217	0.0187
35	143	0.01	0.5030	0.5217	0.0187
36	143	0.01	0.5030	0.5217	0.0187

$\bar{X} = 142.88$

$S = 15.17$

$n = 69$

$MAX = 0.0553$

No	Y	Zi	F(Zi)	S(Zi)	[F(Zi)-S(Zi)]
37	144	0.07	0.5293	0.5507	0.0214
38	144	0.07	0.5293	0.5507	0.0214
39	145	0.14	0.5554	0.5652	0.0098
40	146	0.21	0.5813	0.5797	0.0016
41	149	0.40	0.6565	0.6377	0.0189
42	149	0.40	0.6565	0.6377	0.0189
43	149	0.40	0.6565	0.6377	0.0189
44	149	0.40	0.6565	0.6377	0.0189
45	150	0.47	0.6804	0.6812	0.0008
46	150	0.47	0.6804	0.6812	0.0008
47	150	0.47	0.6804	0.6812	0.0007
48	151	0.53	0.7036	0.7101	0.0065
49	151	0.53	0.7036	0.7101	0.0065
50	152	0.60	0.7260	0.7246	0.0013
51	153	0.67	0.7475	0.7681	0.0206
52	153	0.67	0.7475	0.7681	0.0206
53	153	0.67	0.7475	0.7681	0.0206
54	154	0.73	0.7681	0.7826	0.0145
55	155	0.80	0.7877	0.8116	0.0239
56	155	0.80	0.7877	0.8116	0.0239
57	156	0.86	0.8063	0.8261	0.0198
58	158	1.00	0.8404	0.8406	0.0002
59	159	1.06	0.8559	0.8696	0.0137
60	159	1.06	0.8559	0.8696	0.0137
61	161	1.19	0.8837	0.8841	0.0003
62	162	1.26	0.8961	0.9130	0.0169
63	162	1.26	0.8961	0.9130	0.0169
64	164	1.39	0.9180	0.9420	0.0240
65	164	1.39	0.9180	0.9420	0.0241
66	166	1.52	0.9362	0.9565	0.0204
67	171	1.85	0.9680	0.9710	0.0030
68	174	2.05	0.9798	0.9855	0.0057
69	175	2.12	0.9828	1.0000	0.0172

Berdasarkan perhitungan di atas di dapat nilai Lhitung terbesar = 0.0553
Sementara itu Ltabel untuk n=69 dan $\alpha=0.05$ adalah 0.1067
Ini berarti L_{hitung} lebih kecil daripada L_{tabel} ($0.0553 < 0.1067$)
Dengan demikian dapat disimpulkan skor variabel Y berdistribusi normal.

$L_{tabel} = \frac{0.8860}{\sqrt{n}} = \frac{0.8860}{8.3066} = 0.1067$
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