

LAMPIRAN 1

**PERHITUNGAN STATISTIK DESKRIPTIF INTERAKSI SOSIAL ANAK USIA
4-5 TAHUN**

No.	Nilai (X ₁)	Rata- Rata (\bar{X})	(X ₁ - \bar{X}) ²
1	74	69.03	24.70
2	74	69.03	24.70
3	86	69.03	287.98
4	57	69.03	144.72
5	76	69.03	48.58
6	75	69.03	35.64
7	82	69.03	168.22
8	85	69.03	255.04
9	58	69.03	121.66
10	50	69.03	362.14
11	66	69.03	9.18
12	38	69.03	962.86
13	70	69.03	0.94
14	86	69.03	398.80
15	68	69.03	1.06
16	77	69.03	63.52
17	43	69.03	677.56
18	50	69.03	362.14
19	78	69.03	80.46
20	79	69.03	99.40
21	47	69.03	485.32
22	54	69.03	225.90
23	85	69.03	255.04
24	60	69.03	81.54
25	60	69.03	81.54
26	81	69.03	143.28
27	65	69.03	16.24
28	82	69.03	168.22
29	80	69.03	120.34

30	66	69.03	9.18
31	85	69.03	255.04
			$\Sigma = 5970$

1) Mean

$$= \frac{2140}{31} \\ = 69.03$$

2) Median

$$\text{Me} = \frac{1}{2} (1 + n) \\ \text{Me} = \frac{1}{2} (1 + 31) \\ \text{Me} = 74$$

3) Modus

= 85 (3 kali muncul)

4) Standar Deviasi

$$s = \sqrt{\frac{\sum(X_1 - \bar{X})^2}{n - 1}} \\ s = \sqrt{\frac{5970}{31 - 1}} \\ s = 14.10$$

5) Varians

$$S^2 = \left[\frac{\sum(X_1 - \bar{X})^2}{n - 1} \right]$$

$$S^2 = \frac{5970}{30}$$

$$S^2 = 199$$

6) Range

$$J = X_{\max} - X_{\min} \\ J = 86 - 38 = 50$$

7) Kelas

$$K = 1 + 3.3 \log n$$

$$K = 1 + 3.3 \log 31$$

$$K = 1 + 3.3 (1.49)$$

$$K = 1 + 4.91$$

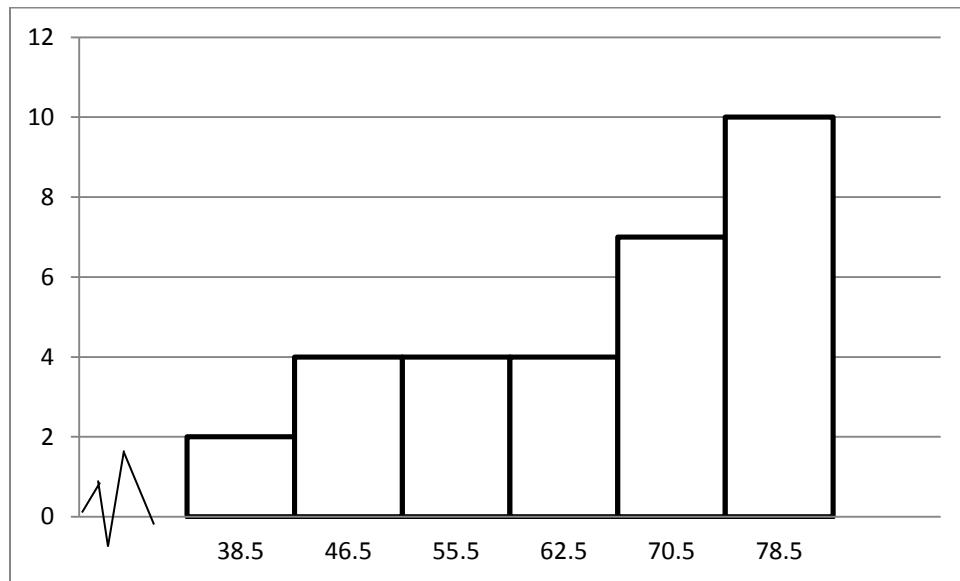
$$K = 5.27 = 6$$

8) Panjang Kelas

$$P = \frac{\text{rentang}}{\text{kelas}}$$

$$= \frac{50}{6} = 8.3, \text{ Dibulatkan menjadi } 8$$

Kelas Interval	Batas Bawah	Batas Atas	Frekuensi Absolut	Frekuensi Relatif
39-46	39,5	46,5	2	6,45
47-54	47,5	54,5	4	12,90
55-62	55,5	62,5	4	12,90
63-70	63,5	70,5	4	12,90
71-78	71,5	78,5	7	22,58
79-86	79,5	86,5	10	32,26
				100,00



Gambar 4.1 Grafik Histogram Frekuensi Hasil Interaksi Sosial Anak Usia 4-5 Tahun

**PERHITUNGAN STATISTIK DESKRIPTIF VARIABEL POLA KELEKATAN
ORANGTUA-ANAK**

No.	Nilai (X ₁)	Rata- Rata (\bar{X})	(X ₁ - \bar{X}) ²
1	64	61.96	4.16
2	60	61.96	3.84
3	70	61.96	64.64
4	51	61.96	8.84
5	58	61.96	15.68
6	59	61.96	8.76
7	62	61.96	1.6
8	70	61.96	64.64
9	60	61.96	8.84
10	65	61.96	0.92
11	60	61.96	8.84
12	41	61.96	439.32
13	66	61.96	16.32
14	68	61.96	25.40
15	66	61.96	0.92
16	66	61.96	25.40
17	64	61.96	8.84
18	50	61.96	15.68
19	65	61.96	9.24
20	66	61.96	16.32
21	65	61.96	1.6
22	68	61.96	36.48
23	66	61.96	4.04
24	54	61.96	1.15
25	63	61.96	1.08
26	65	61.96	9.24
27	66	61.96	1.6
28	62	61.96	1.6
29	59	61.96	1.15
30	62	61.96	1.6

31	60	61.96	8.84
			$\Sigma=816.58$

1) Mean

$$= \frac{1921}{31} \\ = 61.96$$

2) Median

$$\text{Me} = \frac{1}{2} (1 + n) \\ \text{Me} = \frac{1}{2} (1+ 31) \\ \text{Me} = 64$$

3) Modus

= 66 (5 kali muncul)

4) Standar Deviasi

$$s = \sqrt{\frac{\sum(X_1 - \bar{X})}{n - 1}} \\ s = \sqrt{\frac{816.58}{30}} \\ s = 5.2$$

5) Varians

$$S^2 = \left[\frac{\sum(X_1 - \bar{X})}{n - 1} \right] \\ S^2 = \frac{816.58}{30}$$

$$S^2 = 27.21$$

6) Range

$$J = X_{\max} - X_{\min} \\ J = 70 - 41 = 29$$

7) Kelas

$$K = 1 + 3.3 \log n$$

$$K = 1 + 3.3 \log 31$$

$$K = 1 + 3.3 (1.49)$$

$$K = 1 + 4.91$$

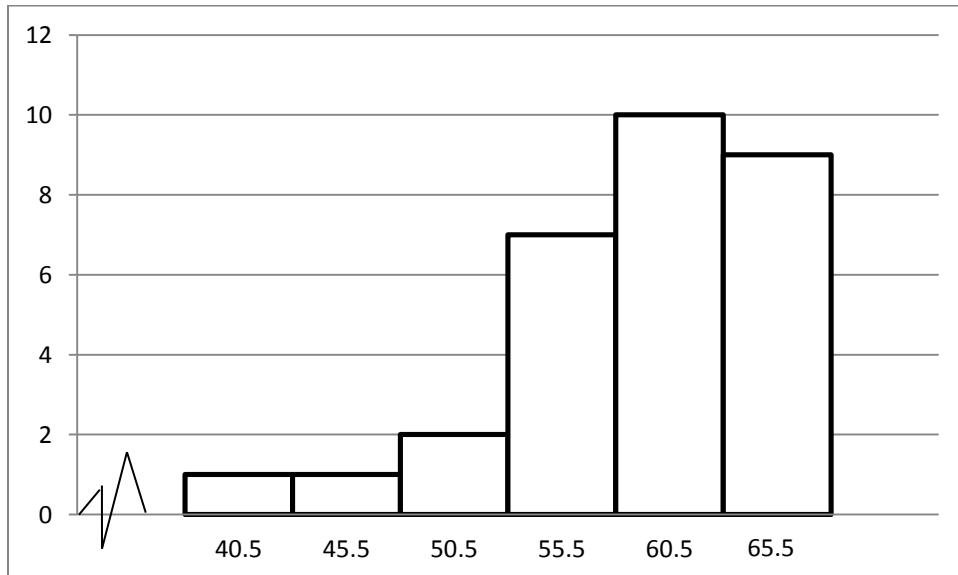
$$K = 5.91 = 6$$

8) Panjang Kelas

$$P = \frac{\text{rentang}}{\text{kelas}}$$

$$= \frac{29}{6} = 4.83 \text{ dibulatkan menjadi } 5$$

Kelas Interval	Batas Bawah	Batas Atas	Frekuensi Absolut	Frekuensi Relatif
41 – 45	40.5	45.5	1	3,33
46 – 50	45.5	50.5	1	3,33
51 – 55	50.5	55.5	2	6,67
56 – 60	55.5	60.5	7	23,33
61 – 65	60.5	65.5	10	33,33
66 – 70	65.6	70.5	9	30,00
				100.00



Grafik Histogram Frekuensi Hasil Pola Kelektan Orangtua-Anak

LAMPIRAN 2**UJI NORMALITAS****a) Uji Normalitas Variabel Pola Interaksi Sosial Anak Usia 4-5 Tahun**

No.	X _I	Z _I	f (z _i)	S(z _i)	f(z _i) - S(z _i)	[f(z _i) - s(z _i)]
1	74	-2.200	0.014	0,032	-0.018	0.018
2	74	-1.845	0.033	0,065	-0.032	0.032
3	86	-1.562	0.059	0,097	-0.019	0.038
4	57	-1.349	0.089	0,065	-0.045	0.045
5	76	-1.349	0.089	0,161	-0.073	0.073
6	75	-1.066	0.143	0,194	-0.050	0.050
7	82	-0.853	0.197	0,226	-0.029	0.029
8	85	-0.782	0.217	0,258	-0.041	0.041
9	58	-0.640	0.261	0,032	-0.039	0.039
10	50	-0.640	0.261	0,323	-0.062	0.062
11	66	-0.286	0.388	0,355	-0.019	0.033
12	38	-0.215	0.415	0,065	0.015	0.015
13	70	-0.215	0.415	0,419	-0.004	0.004
14	89	-0.073	0.471	0,452	0.019	0.019
15	68	0.069	0.527	0,484	-0.045	0.043
16	77	0.352	0.638	0,258	0.104	0.104
17	43	0.352	0.638	0,548	0.089	0.089
18	50	0.423	0.664	0,581	0.083	0.083
19	78	0.494	0.689	0,613	0.076	0.076
20	79	0.565	0.714	0,645	0.069	0.069
21	47	0.636	0.737	0,677	0.060	0.060
22	54	0.707	0.760	0,710	0.050	0.050
23	85	0.777	0.782	0,742	0.040	0.040
24	60	0.848	0.802	0,774	0.028	0.028
25	60	0.919	0.821	0,258	-0.012	0.012
26	81	0.919	0.821	0,839	-0.018	0.018
27	65	1.132	0.871	0,323	-0.057	0.078
28	82	1.132	0.871	0,355	-0.062	0.062
29	80	1.132	0.871	0,935	-0.064	0.064
30	66	1.203	0.885	0,968	-0.082	0.082
31	85	1.415	0.922	1,000	-0.078	0.078
Jumlah		2140				

Rerata	6.03
Standar Deviasi	14.11

Nilai terbesar berada pada baris ke 16

$$L_0 = 0.104$$

$$L_{TABEL} = 0.1$$

Data berdistribusi normal apabila $L_0 \leq L_{TABEL}$

$$L_0 = 0.104 \leq 0.159 = L_{TABEL}$$

Data interaksi sosial anak usia 4-5 tahun berdistribusi normal.

b) Variabel Pola Kelekatan Orangtua-Anak

No.	X _I	Z _I	f (z _i)	S(z _i)	f(z _i) - S(z _i)	[f(z _i) - s(z _i)]
1	41	-3.998	0.000	0.032	-0.032	0.032
2	58	-0.757	0.225	0.065	0.289	0.032
3	58	-3.998	0.000	0.097	0.554	0.032
4	58	-0.757	0.225	0.129	0.225	0.032
5	58	-0.757	0.225	0.161	0.063	0.063
6	59	-0.566	0.286	0.194	0.092	0.092
7	60	-0.375	0.354	0.226	0.277	0.032
8	60	-0.375	0.354	0.258	0.679	0.032
9	60	-0.375	0.354	0.290	0.063	0.032
10	60	-0.375	0.354	0.323	0.104	0.032
11	60	-0.375	0.354	0.355	-0.001	0.032
12	60	-0.953	0.170	0.387	-0.217	0.032
13	61	-0.185	0.427	0.419	0.360	0.032
14	61	-0.185	0.427	0.452	-0.025	0.025
15	62	0.006	0.502	0.484	-0.057	0.032
16	62	0.006	0.502	0.516	0.315	0.032
17	62	0.006	0.502	0.548	-0.195	0.063
18	62	0.006	0.502	0.581	-0.356	0.092
19	62	0.006	0.502	0.613	-0.110	0.110
20	63	0.197	0.578	0.645	-0.067	0.067
21	64	0.388	0.651	0.677	-0.027	0.027
22	65	0.578	0.718	0.710	0.165	0.032
23	65	0.084	0.534	0.742	-0.208	0.032
24	66	0.769	0.779	0.774	-0.550	0.032
25	66	0.769	0.779	0.806	-0.228	0.063
26	66	0.769	0.779	0.839	-0.060	0.060
27	67	0.960	0.831	0.032	-0.032	0.032
28	67	0.960	0.831	0.903	-0.072	0.072
29	68	1.150	0.875	0.935	-0.060	0.060
30	70	1.532	0.937	0.968	-0.465	0.032
31	70	1.532	0.937	1.000	-0.063	0.063
Jumlah	1921					
Rerata	61.97					
Standar Deviasi	5.24					

$$L_0 = F(z_i) - S(z_i)$$

$$L_0 = 0.502 - 0.613$$

$$L_0 = 0.110$$

$$L_{tabel} = 0.159$$

Data berdistribusi normal apabila $L_0 \leq L_{tabel}$

$$L_0 = 0.110 \leq 0.159 = L_{tabel}$$

Data kelekatan orangtua-anak berdistribusi normal

LAMPIRAN 3**ANALISIS REGRESI LINEAR SEDERHANA**

No	Variabel Bebas (X)	Variabel Terikat (Y)	XY	X ²	Y ²
1	41	74	3034	1681	5476
2	58	74	4292	3364	5476
3	58	86	4988	3364	7396
4	58	57	3306	3364	3249
5	58	76	4408	3364	5776
6	59	75	4425	3481	5625
7	60	82	4920	3600	6724
8	60	85	5100	3600	7225
9	60	58	3480	3600	3364
10	60	50	3000	3600	2500
11	60	66	3960	3600	4356
12	60	38	2318	3721	1444
13	61	70	4270	3721	4900
14	61	89	5518	3844	7921
15	62	68	4216	3844	4624
16	62	77	4774	3844	5929
17	62	43	2666	3844	1849
18	62	50	3100	3844	2500
19	62	78	4914	3969	6084
20	63	79	5056	4096	6241
21	64	47	3055	4225	2209
22	65	54	3510	4225	2916

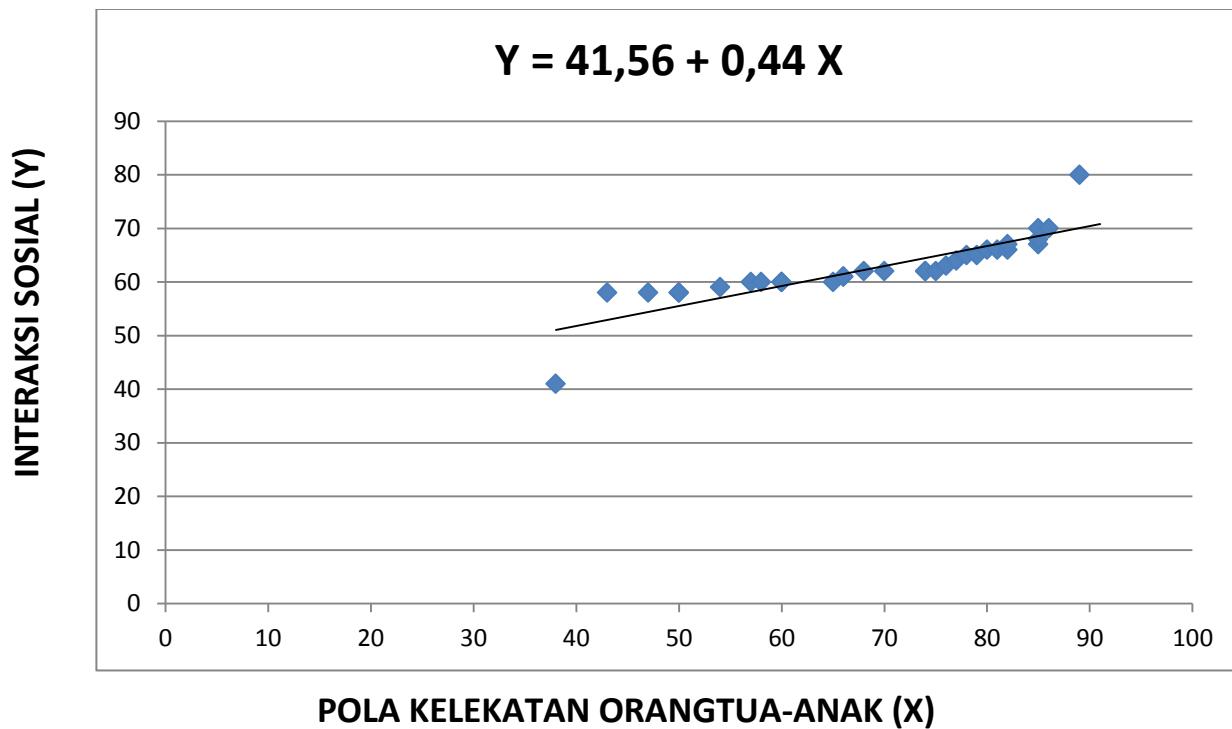
23	65	85	5610	4356	7225
24	66	60	3960	4356	3600
25	66	60	3960	4356	3600
26	66	81	5427	4489	6561
27	67	65	4355	4489	4225
28	67	82	5576	4624	6724
29	68	80	5600	4900	6400
30	70	66	4620	4900	4356
31	70	85	6800	6400	7225
	$\Sigma X = 1921$	$\Sigma Y = 2140$	$\Sigma XY = 134218$	$\Sigma X^2 = 122665$	$\Sigma Y^2 = 153700$

Nilai a dan b dapat dihitung menggunakan rumus sebagai berikut:

$a = \frac{(\sum y)(\sum x^2) - (\sum x)(\sum xy)}{n(\sum x^2) - (\sum X)^2}$	$b = \frac{n(\sum xy) - (\sum x)(\sum y)}{n(\sum x^2) - (\sum X)^2}$
$a = \frac{(2140)(122665) - (1921)(134218)}{31(122665) - (1921)^2}$	$b = \frac{31(134218) - (1921)(2140)}{31(122665) - (1921)^2}$
$a = \frac{4670322}{112374}$	$b = \frac{49818}{112374}$
$a = 41.56$	$b = 0.44$

$$Y = a + bX$$

$$Y = 41.56 + 0.44X$$



UJI LINEARITAS

$$\mathbf{JK(T)} = \Sigma Y^2 = 153700$$

$$\mathbf{JK(a)} = \frac{\Sigma Y^2}{n} = \frac{(\Sigma Y)^2}{n} = \frac{4579600}{31} = 14729.03$$

$$\mathbf{JK(b/a)} = b(\Sigma XY)$$

$$= 0,44 (134218)$$

$$= 5905.92$$

$$\mathbf{JK(s)} = \mathbf{JK(T)} - \mathbf{JK(a)} - \mathbf{JK(b/a)}$$

$$= 153700 - 14729.03 - 5905.92$$

$$= 133055.05$$

$$\mathbf{JK(G)} = \Sigma (\Sigma y^2 - \frac{\Sigma y^2}{n})$$

$$= \left\{ (74^2 + 86^2 + 57^2 + 76^2) - \frac{(74+86+57+76)^2}{4} \right\} + \left\{ (82^2 + 85^2 + 58^2 + 50^2 + 66^2 + 38^2) - \frac{(82+85+58+50+66+38)^2}{6} \right\} + \left\{ (70^2 + 89^2) - \frac{(70+89)^2}{2} \right\} + \left\{ (68^2 + 77^2 + 43^2 + 50^2 + 78^2) - \frac{(68+77+43+50+78)^2}{5} \right\} + \left\{ (54^2 + 85^2) - \frac{(54+85)^2}{2} \right\} + \left\{ (60^2 + 60^2 + 81^2) - \frac{(60+60+81)^2}{3} \right\} + \left\{ (65^2 + 82^2) - \frac{(65+82)^2}{2} \right\} + \left\{ (66^2 + 85^2) - \frac{(66+85)^2}{2} \right\}$$

$$= 434.75 + 1672.84 + 180.5 + 8882.8 + 480.5 + 294 + 114.5 + 180.5$$

$$= 12240.39$$

$$\mathbf{JK(TC)} = \mathbf{JK(S)} - \mathbf{JK(G)}$$

$$= 133055.05 - 12240.39$$

$$= 120824.66$$

$$\mathbf{RJK(b/a)} = \frac{(b)(\Sigma XY)}{1}$$

$$= \frac{(0.44)(134218)}{1}$$

$$= 59055.92$$

$$\begin{aligned} \mathbf{RJK(S)} &= \frac{JK(S)}{n-2} \\ &= \frac{133055.05}{31-2} \\ &= 4588.10 \end{aligned}$$

$$\begin{aligned} \mathbf{RJK(TC)} &= \frac{JK(TC)}{K-2} \\ &= \frac{120824.66}{8-2} \\ &= 20137.44 \end{aligned}$$

$$\begin{aligned} \mathbf{RJK(G)} &= \frac{JK(G)}{n-k} \\ &= \frac{12240.39}{31-8} \\ &= 9753.29 \end{aligned}$$

$$\begin{aligned} F_{\text{regresi}} &= \frac{RJK(\frac{b}{a})}{RJK(S)} \\ &= \frac{59055.92}{4588.10} \\ &= 12.871 \end{aligned}$$

$$N1 = k-1$$

$$= 2-1 = 1$$

$$N2 = n-2$$

$$= 31-2 = 29$$

$F_{\text{hitung}} = 12.87 > 4.18 = F_{\text{tabel}}$ maka H_0 ditolak, dan H_a diterima

Dengan demikian model regresi linear sederhana dapat digunakan dalam memprediksi interaksi sosial anak usia 4-5 tahun yang dipengaruhi oleh pola kelekatan orangtua-anak.

$$F_{TC} = \frac{RJK(TC)}{RJK(G)}$$

$$= \frac{20137.44}{9753.29}$$

$$= 2.064$$

Dk untuk TC (Tuna cocok) = k-2

$$= 8-2 = 6$$

$$= n-k = 31-8 = 23$$

F tabel = 2.53

$F_{TC} < F$ tabel, maka regresi Y atas X adalah linear

LAMPIRAN 4**PERHITUNGAN KOEFISIEN KORELASI*****PRODUCT MOMENT***

No	Variabel Bebas (X)	Variabel Terikat (Y)	XY	X ²	Y ²
1	64	74	4736	4096	5476
2	60	74	4440	3600	5476
3	70	86	6020	4900	7396
4	60	57	3420	3600	3249
5	58	76	4408	3364	5776
6	59	75	4425	3481	5625
7	62	82	5084	3844	6724
8	70	85	5950	4900	7225
9	60	58	3480	3600	3364
10	61	50	3050	3721	2500
11	60	66	3960	3600	4356
12	41	38	1558	1681	1444
13	66	70	4620	4356	4900
14	67	89	5963	4489	7921
15	61	68	4148	3721	4624
16	67	77	5159	4489	5929
17	60	43	2580	3600	1849
18	58	50	2900	3364	2500
19	65	78	5070	4225	6084
20	66	79	5214	4356	6241
21	62	47	2914	3844	2209

22	68	54	3672	4624	2916
23	66	85	5610	4356	7225
24	58	60	3480	3364	3600
25	63	60	3780	3969	3600
26	65	81	5265	4225	6561
27	62	65	4030	3844	4225
28	62	82	5084	3844	6724
29	58	80	4640	3364	6400
30	62	66	4092	3844	4356
31	80	85	6800	6400	7225
	$\Sigma X = 1921$	$\Sigma Y = 2140$	$\Sigma XY = 135552$	$\Sigma X^2 = 122665$	$\Sigma Y^2 = 153700$

$$r_{XY} = \frac{N \Sigma XY - (\Sigma X)(\Sigma Y)}{\sqrt{\{(N \Sigma X^2) - (\Sigma X)^2\} \{(N \Sigma Y^2) - (\Sigma Y)^2\}}}$$

$$r_{XY} = \frac{31(135552) - (1921)(2140)}{\sqrt{31(122665) - (1921)^2} \cdot \sqrt{31(153700) - (2140)^2}}$$

$$r_{XY} = \frac{91172}{\sqrt{112374}(185100)}$$

$$r_{XY} = \frac{91172}{114224}$$

$$r_{XY} = 0.798$$

Kesimpulan:

Pada perhitungan *product moment* di atas, diperoleh $r_{XY} = 0.798$. Dengan demikian, dapat disimpulkan bahwa terdapat hubungan yang positif signifikan antara variabel X dengan variabel Y, dimana $r_{hitung} 0.798 > 0.355 r_{tabel}$.

PERHITUNGAN UJI KEBERARTIAN KOEFISIEN KORELASI (Uji-t)

Koefisien Korelasi *Product Moment* (Uji-t)

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

$$t_{\text{hitung}} = \frac{0.798\sqrt{31-2}}{\sqrt{1-0.798^2}}$$

$$t_{\text{hitung}} = \frac{7.297}{0.614}$$

$$t_{\text{hitung}} = 6.998$$

$$Dk = n-k$$

$$Dk = 31-2 = 29.$$

$$T_{\text{tabel}} = 1.699$$

Kriteria pengujian :

H_0 : Ditolak jika $t_{\text{hitung}} > t_{\text{tabel}}$

H_0 : Diterima jika $t_{\text{hitung}} < t_{\text{tabel}}$

Dari hasil pengujian:

$t_{\text{hitung}} = 6.998 > t_{\text{tabel}} 1.699$: maka terdapat hubungan yang signifikan antara variabel X dengan variabel Y

PERHITUNGAN KOEFISIEN DETERMINASI

Pengujian ini dilakukan untuk mencari seberapa besar variasi variabel Y yang ditentukan oleh variabel X, maka digunakan Uji Koefisien Determinasi dengan rumus:

$$KD = r_{xy}^2 \times 100\%$$

$$KD = 0.798^2 \times 100\%$$

$$KD = 63.6\%$$

Dari hasil tersebut dapat diketahui bahwa interaksi sosial anak usia 4-5 tahun ditentukan oleh pola kelekatan orangtua-anak sebesar 63.6%.

LAMPIRAN 5**Pola Kelekatan Orangtua-Anak**

N	Nomor Butir Angket															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
N1	3	2	5	5	5	3	4	5	5	4	4	4	4	2	5	4
N2	1	5	5	1	5	4	5	5	3	1	4	5	5	3	5	3
N3	3	5	5	5	5	4	5	5	5	5	3	5	2	3	5	5
N4	3	5	4	5	5	3	4	3	3	3	3	4	3	2	5	5
N5	4	4	4	4	5	2	3	4	3	4	4	4	3	3	3	4
N6	3	5	3	5	4	3	4	4	4	2	4	3	4	2	5	4
N7	1	4	5	5	5	4	4	5	5	2	4	3	4	1	5	5
N8	5	5	5	4	5	5	5	5	5	1	4	5	1	5	5	5
N9	3	5	5	4	5	4	5	3	2	3	3	3	3	4	5	3
N10	1	5	5	5	5	3	5	5	4	1	3	3	5	1	5	5
N11	4	5	4	5	4	4	4	4	4	2	3	4	3	2	4	4
N12	1	5	1	5	2	5	1	1	1	1	1	1	5	5	5	1
N13	3	5	4	5	5	3	4	4	4	5	3	4	5	4	4	4
N14	3	5	5	5	5	3	4	5	4	3	3	4	4	4	5	5
N15	3	5	5	5	5	2	4	5	5	2	4	4	3	3	2	4
N16	3	5	5	5	5	2	4	5	5	4	4	4	5	1	5	5

N17	3	4	4	5	3	3	3	4	4	3	4	4	4	3	5	4
N18	5	5	5	5	5	1	3	3	2	5	1	5	5	2	5	1
N19	2	5	5	5	5	3	5	3	5	5	3	3	3	3	5	5
N20	1	5	5	5	5	2	5	5	5	3	3	5	5	2	5	5
N21	3	4	5	5	4	3	4	5	4	3	4	4	3	2	4	5
N22	4	5	4	5	5	3	5	4	5	5	4	4	3	3	5	4
N23	3	5	5	5	5	5	5	5	5	3	1	3	3	3	5	5
N24	3	5	3	4	4	3	4	3	4	2	4	3	5	2	5	4
N25	2	5	4	5	4	3	4	4	5	2	5	4	3	4	5	4
N26	3	4	5	5	5	3	4	5	4	3	3	4	5	2	5	5
N27	1	5	5	4	5	5	3	3	4	3	3	3	5	4	5	4
N28	1	5	5	4	5	5	3	3	4	3	3	3	5	4	5	4
N29	1	5	5	4	5	3	3	4	4	3	3	3	5	3	4	3
N30	2	5	5	5	4	3	5	5	5	2	1	3	4	3	5	5
N31	3	2	2	4	5	3	5	5	4	5	3	4	2	4	5	4
ΣX	81	144	137	143	144	102	126	129	126	93	99	115	119	89	146	128
ΣX^2	6561	20736	18769	20449	20736	10404	15876	16641	15876	8649	9801	13225	14161	7921	21316	16384

N	Total Skor	Kuadrat Skor Total
N1	64	4096
N2	60	3600
N3	70	4900
N4	60	3600
N5	58	3364
N6	59	3481
N7	62	3844
N8	70	4900
N9	60	3600
N10	61	3721
N11	60	3600
N12	41	1681
N13	66	4356
N14	67	4489
N15	61	3721
N16	67	4489
N17	60	3600
N18	58	3364
N19	65	4225
N20	66	4356

N21	62	3844
N22	68	4624
N23	66	4356
N24	58	3364
N25	63	3969
N26	65	4225
N27	62	3844
N28	62	3844
N29	58	3364
N30	62	3844
N31	60	3600
ΣX	1921	119865
ΣX^2	3690241	

Interaksi Sosial Anak Usia 4-5 Tahun

N	Nomor Butir Angket														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
N1	4	3	3	3	3	5	4	5	3	3	5	3	3	3	3
N2	3	3	3	5	5	5	5	5	1	5	5	5	1	1	1
N3	5	5	3	5	5	5	5	5	5	5	4	4	4	2	2
N4	1	3	3	5	5	4	4	1	1	1	5	5	4	1	1
N5	4	4	3	5	5	3	3	4	2	4	5	5	5	3	3
N6	3	5	3	5	5	5	3	3	1	3	5	5	3	2	3
N7	5	5	3	5	5	5	5	5	1	5	5	4	5	1	2
N8	5	5	3	4	5	5	5	3	1	5	5	5	5	4	4
N9	3	3	3	5	3	3	2	2	3	2	4	4	3	2	2
N10	2	3	2	3	3	2	3	1	1	1	4	4	3	2	2
N11	4	5	3	3	4	1	3	3	1	3	5	5	3	3	3
N12	1	1	1	1	1	3	1	1	1	1	5	5	1	1	1
N13	3	3	3	3	4	5	5	5	5	5	3	3	4	3	2
N14	5	5	5	5	5	5	5	4	5	4	3	5	5	4	4
N15	4	2	3	2	4	5	4	3	3	4	3	4	4	3	4
N16	5	4	4	4	4	5	4	4	4	4	4	4	5	3	4
N17	2	1	1	1	2	5	1	2	3	1	3	3	3	2	1
N18	2	3	2	2	2	5	2	3	4	3	2	3	2	2	1

N19	5	4	4	4	4	5	4	4	4	4	5	5	4	3	3
N20	5	5	4	4	4	4	4	4	3	2	5	4	5	4	4
N21	3	3	2	2	2	3	1	1	3	2	5	3	3	2	2
N22	3	2	2	3	2	4	3	2	5	5	2	2	2	2	2
N23	5	4	5	5	5	5	5	5	5	1	5	5	5	4	4
N24	3	3	3	3	4	4	3	2	2	4	4	5	4	3	2
N25	5	1	1	1	5	3	4	5	1	2	4	4	3	3	1
N26	5	4	5	4	5	4	5	5	4	3	5	5	5	3	4
N27	2	2	4	2	4	5	2	3	1	2	4	3	5	5	1
N28	5	2	3	5	5	5	5	5	4	3	5	5	5	2	3
N29	5	5	3	3	3	5	3	5	3	5	5	5	5	5	5
N30	5	2	4	5	3	5	2	2	5	5	3	3	2	3	1
N31	5	5	3	3	3	5	3	5	3	5	5	5	5	5	3
ΣX	117	105	94	110	119	133	108	107	88	102	132	130	116	86	78
ΣX^2	13689	11025	8836	12100	14161	17689	11664	11449	7744	10404	17424	16900	13456	7396	6084

N	Nomor Butir Angket	Total	Kuadrat

	16	17	18	19	20	Skor	Skor Total
N1	5	5	3	3	5	74	5476
N2	5	5	5	1	5	74	5476
N3	5	5	5	2	5	86	7396
N4	1	1	5	5	1	57	3249
N5	5	4	3	3	3	76	5776
N6	5	5	5	3	3	75	5625
N7	4	5	4	3	5	82	6724
N8	4	5	4	4	4	85	7225
N9	2	4	3	3	2	58	3364
N10	3	2	2	4	3	50	2500
N11	4	3	3	3	4	66	4356
N12	5	1	5	1	1	38	1444
N13	3	5	2	2	2	70	4900
N14	4	5	5	5	1	89	7921
N15	3	5	3	3	2	68	4624
N16	3	4	4	3	1	77	5929
N17	2	3	5	1	1	43	1849
N18	2	4	2	2	2	50	2500
N19	4	4	4	3	1	78	6084
N20	4	4	5	4	1	79	6241
N21	1	3	3	2	1	47	2209

N22	1	5	1	2	4	54	2916
N23	4	4	5	3	1	85	7225
N24	2	2	4	2	1	60	3600
N25	5	5	1	5	1	60	3600
N26	5	4	5	2	1	81	6561
N27	5	3	3	5	4	65	4225
N28	4	5	5	5	1	82	6724
N29	5	4	3	2	1	80	6400
N30	4	5	4	1	2	66	4356
N31	5	4	4	5	4	85	7225
ΣX	114	123	113	92	73	2140	4579600
ΣX^2	12996	15129	12769	1464	5329	4579600	

LAMPIRAN 6**Uji Validitas dan Reabilitas Variabel Interaksi Sosial Anak Usia 4-5 Tahun**

N	Nomor Butir Angket														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
N1	4	4	4	4	5	4	2	5	4	2	3	3	3	4	4
N2	5	5	3	4	3	5	2	3	3	5	3	3	4	4	3
N3	5	5	3	3	3	5	5	5	5	3	5	4	5	4	3
N4	5	5	3	4	3	4	5	4	3	4	4	3	4	5	4
N5	5	5	3	4	4	5	5	4	4	4	3	4	5	5	4
N6	4	1	5	5	5	3	4	1	5	1	3	5	3	3	3
N7	5	5	3	4	3	4	5	4	3	3	4	3	4	5	4
N8	4	3	4	4	3	5	2	4	2	1	3	4	4	4	2
N9	3	1	5	5	3	5	5	3	5	3	5	3	3	3	5
N10	5	5	3	4	4	5	5	4	4	5	3	4	5	5	4
N11	3	4	4	5	5	5	4	2	3	2	4	4	4	5	4
N12	5	5	3	4	3	5	2	3	3	4	3	3	4	4	3
N13	4	4	5	5	4	5	5	5	4	1	3	3	4	5	5
N14	5	5	4	5	5	3	3	3	3	2	4	3	4	4	4
N15	5	3	3	3	4	4	4	4	2	4	5	5	5	3	4
N16	4	3	5	5	2	3	1	2	2	2	4	2	4	4	3
N17	4	4	3	5	3	4	4	3	3	3	4	4	5	4	3

N	Nomor Butir Angket										Total skor	Kuadrat total skor
	16	17	18	19	20	21	22	23	24	25		
N1	4	4	5	2	3	4	1	4	4	3	89	7921
N2	5	5	5	1	4	5	4	5	5	4	98	9604
N3	5	5	5	4	4	5	4	5	5	4	109	11881
N4	5	5	4	5	4	3	3	4	3	4	100	10000
N5	5	5	4	3	4	3	3	4	3	4	102	10404
N6	5	2	3	5	3	1	1	3	5	5	84	7056
N7	5	5	4	5	4	3	3	4	3	4	99	9801
N8	5	5	4	3	4	3	3	4	3	1	84	7056
N9	5	1	5	1	3	1	1	5	3	5	87	7569
N10	5	5	4	3	4	3	2	4	3	4	102	10404
N11	5	4	4	4	4	4	3	5	5	5	101	10201
N12	5	5	5	3	2	5	4	5	5	4	97	9404
N13	5	4	5	3	4	3	3	2	1	4	96	9216
N14	3	4	4	3	3	4	3	4	3	5	93	8649
N15	5	3	3	3	1	1	2	4	4	4	88	7744
N16	3	4	1	1	5	2	3	2	4	2	73	5329
N17	5	4	4	1	4	2	3	3	3	4	89	7921
N18	5	4	4	2	4	3	5	2	2	3	91	8281
N19	2	1	1	1	5	4	4	4	5	2	67	4489
N20	5	4	4	2	4	3	2	4	3	3	90	8100

N21	5	3	3	4	4	4	3	4	3	3	92	8464
N22	4	4	3	4	3	4	4	4	4	3	99	9801
N23	3	3	4	3	4	3	3	3	4	3	78	6084
N24	5	3	2	5	4	4	4	5	2	3	102	10404
N25	3	3	2	1	4	3	4	4	2	3	85	7225
N26	4	4	4	2	3	2	2	3	3	4	87	7569
N27	5	4	3	2	4	3	3	3	3	3	89	7921
N28	4	5	5	3	3	2	2	4	2	3	98	9604
N29	3	5	5	3	3	3	2	3	3	2	83	6889
N30	5	4	5	2	4	3	2	4	2	4	105	11025
ΣX	133	117	114	84	109	93	86	114	100	105	2757	256016
ΣX^2	17689	13689	12996	7056	11881	8649	7396	12996	10000	11025	76010 49	
Validitas	0,662	0,550	0,519	0,485	-0,119	0,366	0,121	0,470	-0,176	0,489		
	valid	valid	valid	valid	drop	valid	drop	valid	drop	valid		

N	Nomor Butir Angket														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
N1	356	356	356	356	445	356	178	445	356	178	267	267	267	356	356
N2	465	465	279	372	279	465	2186	279	279	465	279	279	372	372	279
N3	545	545	327	327	327	545	545	545	545	327	545	436	545	436	327
N4	500	500	300	400	300	400	500	400	300	400	400	300	400	500	400
N5	510	510	306	408	408	510	510	408	408	408	306	408	510	510	408
N6	336	84	420	420	420	252	336	84	420	84	252	420	252	252	252
N7	495	495	297	396	297	396	495	396	297	297	396	297	396	495	396
N8	336	252	336	336	252	420	168	336	168	84	252	336	336	336	168
N9	261	87	435	435	261	435	435	261	435	261	435	261	261	261	435
N10	510	510	306	408	408	510	510	408	408	510	306	408	510	510	408
N11	303	404	404	505	505	505	404	202	303	202	404	404	404	505	404
N12	485	485	291	388	291	485	291	291	291	388	291	291	388	388	291
N13	384	384	480	480	384	480	480	480	384	96	288	288	384	480	408
N14	465	465	372	465	465	279	279	279	279	186	372	279	372	372	372
N15	440	264	264	264	352	352	352	352	176	352	440	440	440	264	352
N16	292	219	364	365	146	219	73	146	146	146	292	146	292	292	219
N17	356	356	267	445	267	356	356	267	267	267	356	356	445	356	267
N18	273	364	182	364	273	455	273	364	273	455	364	364	455	364	364
N19	67	335	335	335	134	201	67	67	67	134	201	134	134	201	134
N20	360	180	360	270	360	450	180	450	270	450	360	270	450	270	360

N21	368	460	368	368	368	460	92	368	276	276	368	368	368	276	368
N22	297	297	396	396	396	396	396	495	495	396	396	396	495	396	495
N23	234	234	234	156	234	234	156	234	312	312	156	234	234	312	234
N24	510	510	510	510	408	408	204	408	204	510	510	510	408	510	510
N25	425	425	425	425	255	340	85	340	170	425	170	340	255	340	340
N26	261	174	261	261	348	348	348	435	348	435	261	261	435	348	348
N27	267	267	267	356	445	356	267	356	356	356	267	356	356	356	356
N28	294	490	392	196	392	490	490	490	490	490	392	392	490	392	490
N29	249	166	249	166	166	249	415	415	415	166	332	332	332	249	332
N30	525	420	525	420	525	525	420	525	525	525	525	420	525	525	420
ΣXY	11169	10703	10308	10993	10111	11877	11491	10526	9663	9581	10183	9993	11511	11224	10493

N	Nomor Butir Angket									
	16	17	18	19	20	21	22	23	24	25
N1	356	356	445	178	267	356	89	356	356	267
N2	490	490	490	98	392	490	392	490	490	392
N3	545	545	545	436	436	545	436	545	545	436
N4	500	500	400	500	400	300	300	400	300	400
N5	510	105	408	306	408	306	306	408	306	408
N6	420	168	252	420	252	84	84	252	420	420
N7	495	495	396	495	396	279	279	396	279	396
N8	420	420	336	252	336	252	252	336	252	84
N9	435	87	435	87	261	87	87	535	261	435
N10	510	510	408	306	408	306	204	408	306	408
N11	505	404	404	404	404	404	303	505	505	505
N12	485	485	485	291	194	485	388	485	485	388
N13	480	384	480	288	384	288	288	192	96	384
N14	279	372	372	279	279	372	279	372	279	465
N15	440	264	264	264	88	88	176	352	352	352
N16	219	292	73	73	365	146	219	146	292	146
N17	445	356	356	89	356	278	267	267	267	356
N18	455	364	364	182	364	273	455	182	182	273
N19	134	67	67	67	335	268	268	268	335	134
N20	450	360	360	180	360	270	180	360	270	279

N21	460	276	276	368	368	368	276	368	276	276
N22	396	396	297	396	297	396	396	396	396	297
N23	234	234	312	234	312	234	234	234	312	234
N24	510	306	204	510	408	408	408	510	204	306
N25	255	255	270	85	340	255	340	340	270	255
N26	348	348	348	174	261	174	174	261	261	348
N27	445	356	267	178	356	267	267	267	267	267
N28	392	490	490	294	294	196	196	392	196	294
N29	249	415	415	249	249	249	116	249	249	116
N30	525	420	525	210	420	3315	210	420	210	420
ΣXY	12387	10520	10744	7893	9990	41582	7869	10692	9219	9741

N	Skor item² = x²														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
N1	16	16	16	16	25	16	4	25	16	4	9	9	9	16	16
N2	25	25	9	16	9	25	4	9	9	25	9	9	16	16	9
N3	25	25	9	9	9	25	25	25	25	9	25	16	25	16	9
N4	25	25	9	16	9	16	25	16	9	16	16	9	16	25	16
N5	25	25	9	16	16	25	25	16	16	16	9	16	25	25	16
N6	16	1	25	25	25	9	16	1	25	1	9	25	9	9	9
N7	25	25	9	16	9	16	25	16	9	9	16	9	16	25	16
N8	16	9	16	16	9	25	4	16	4	1	9	16	16	16	4
N9	9	1	25	25	9	25	25	9	25	9	25	9	9	9	25
N10	25	25	9	16	16	25	25	16	16	25	9	16	15	15	16
N11	9	16	16	25	25	25	16	4	9	4	16	16	16	25	16
N12	25	25	9	16	9	25	4	9	9	16	9	9	16	16	9
N13	16	16	25	25	16	25	25	25	16	1	9	9	16	25	25
N14	25	25	16	25	25	9	9	9	9	4	16	9	16	16	16
N15	25	9	9	9	16	16	16	16	4	16	25	25	25	9	16
N16	16	9	25	25	4	9	1	4	4	4	16	4	16	16	9
N17	16	16	9	25	9	16	16	9	9	9	16	16	25	16	9
N18	9	16	4	16	9	25	9	16	9	25	16	16	25	16	16
N19	1	25	25	25	4	9	1	1	1	4	9	4	4	9	4
N20	16	4	16	9	16	25	4	25	9	25	16	9	25	9	16

N21	16	25	16	16	16	25	1	16	9	9	16	16	16	9	16
N22	9	9	16	16	16	16	16	25	25	16	16	16	25	16	25
N23	9	9	9	4	9	9	4	9	16	16	4	9	9	16	9
N24	25	25	25	25	16	16	4	16	4	25	25	25	16	25	25
N25	25	25	25	25	9	16	1	16	4	25	4	16	9	16	16
N26	9	4	9	9	16	16	16	25	16	25	9	9	25	16	16
N27	9	9	9	16	25	16	9	16	16	16	9	16	16	16	16
N28	9	25	16	4	16	25	25	25	25	25	16	16	25	16	25
N29	9	4	9	4	4	9	25	25	25	4	16	16	16	9	16
N30	25	16	25	16	25	25	16	25	25	25	25	16	25	25	16
	510	489	449	506	421	564	396	465	398	409	424	406	522	493	452

N	Skor item$\wedge^2 = x^2$										Total Skor Y
	16	17	18	19	20	21	22	23	24	25	
N1	16	16	25	4	9	16	1	16	16	9	341
N2	25	25	25	1	16	25	16	25	25	16	414
N3	25	25	25	16	16	25	16	25	25	16	491
N4	25	25	16	25	16	9	9	16	9	16	414
N5	25	25	16	9	16	9	9	16	9	16	430
N6	25	4	9	25	9	1	1	9	25	25	338
N7	25	25	16	25	16	9	9	16	9	16	407
N8	25	25	16	9	16	9	9	16	9	1	312
N9	25	1	25	1	9	1	1	15	9	25	351
N10	25	25	16	9	16	9	4	16	9	16	414
N11	25	16	16	16	16	16	9	25	25	25	427
N12	25	25	25	9	4	25	16	25	25	16	401
N13	25	16	25	9	16	9	9	4	1	16	404
N14	9	16	16	9	9	16	9	16	9	25	363
N15	25	9	9	9	1	1	4	16	16	16	342
N16	9	16	1	1	25	4	9	4	16	4	251
N17	25	16	16	1	16	4	9	9	9	16	337
N18	25	16	16	4	16	9	25	4	3	9	354
N19	4	1	1	1	25	16	16	16	25	4	235
N20	25	16	16	4	16	9	4	16	9	9	348

N21	25	9	9	16	16	16	9	16	9	9	356
N22	16	16	9	16	9	16	16	16	16	9	401
N23	9	9	16	9	16	9	9	9	16	9	252
N24	25	9	4	25	16	16	16	25	4	9	446
N25	9	9	4	1	16	9	16	16	4	9	325
N26	16	16	16	4	9	4	4	9	9	16	323
N27	25	16	9	4	16	9	9	9	9	9	329
N28	16	25	25	9	9	4	4	16	4	9	414
N29	9	25	25	9	9	9	4	9	9	4	303
N30	25	16	25	4	16	9	4	16	4	16	465
	613	493	472	284	415	323	276	446	367	395	10988

$$\sum(y^2) = 10988$$

Ukur	Item														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
N	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
$\sum x$	120	115	113	120	109	128	100	113	104	103	110	108	124	121	114
$\sum y$	2757	2757	2757	2757	2757	2757	2757	2757	2757	2757	2757	2757	2757	2757	2757
$\sum xy$	11169	10703	10308	10993	10111	11877	11491	10526	9663	9581	10183	9993	11511	11224	10493
$\sum(x^2)$	510	489	449	506	421	564	396	465	398	409	424	406	522	493	452
$\sum(y^2)$	10988	10988	10988	10988	10988	10988	10988	10988	10988	10988	10988	10988	10988	10988	10988
$(\sum x)^2$	14400	13225	12769	14400	11881	16384	10000	12769	10816	10609	12100	11664	15376	14641	12996
$(\sum y)^2$	10988	10988	10988	10988	10988	10988	10988	10988	10988	10988	10988	10988	10988	10988	10988
r _{xy}	0,588	0,446	-0,243	-0,057	0,424	0,641	0,519	0,484	0,380	0,365	0,381	0,389	0,595	0,618	0,464

Ukur	Nomor Butir Angket									
	16	17	18	19	20	21	22	23	24	25
N	30	30	30	30	30	30	30	30	30	30
Σx	133	117	114	84	109	93	86	114	100	105
Σy	2757	2757	2757	2757	2757	2757	2757	2757	2757	2757
Σxy	12387	10520	10744	7893	9990	41582	7869	10692	9219	9741
$\Sigma(x^2)$	613	493	472	284	415	323	276	446	367	395
$\Sigma(y^2)$	10988	10988	10988	10988	10988	10988	10988	10988	10988	10988
$(\Sigma x)^2$	17689	13689	12996	7056	11881	8649	7396	12996	10000	11025
$(\Sigma y)^2$	10988	10988	10988	10988	10988	10988	10988	10988	10988	10988
r_{xy}	0,662	0,550	0,519	0,485	-0,119	0,366	0,121	0,470	-0,176	0,489

Menghitung Uji Validitas Variabel Interaksi Sosial Anak Usia 4-5 Tahun

No. Resp.	X	Y	XY	X ²	Y ²
N1	4	89	356	16	7921
N2	5	98	490	25	9604
N3	5	109	545	25	11881
N4	5	100	500	25	10000
N5	5	102	510	25	10404
N6	4	84	336	16	7056
N7	5	99	495	25	9801
N8	4	84	336	16	7056
N9	3	87	261	9	7569
N10	5	102	510	25	10404
N11	3	101	303	9	10201
N12	5	97	485	25	9409
N13	4	96	384	16	9216
N14	5	93	465	25	8649
N15	5	88	440	25	7744
N16	4	73	292	16	5329
N17	4	89	356	16	7921
N18	3	91	273	9	8281
N19	1	67	67	1	4489
N20	4	90	360	16	8100
N21	4	92	368	16	8464
N22	3	99	297	9	9801
N23	3	78	234	9	6084

N24	5	102	510	25	10404
N25	5	85	425	25	7225
N26	3	87	261	9	7569
N27	3	89	267	9	7921
N28	3	98	294	9	9604
N29	3	83	249	9	6889
N30	5	105	525	25	11025
Jumlah	120	2757	11194	510	256021

N=30

X= 120

Y= 2575

Xy = 11194

X2= 510

Y2= 256021

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

$$r_{xy} = \frac{30(11194) - (120)(2575)}{\sqrt{30(510) - (120)^2} \cdot 30(256021) - (2575)^2}$$

$$r_{xy} = \frac{26820}{30740,92} = 0,872$$

Menghitung Reliabilitas Interaksi Sosial Anak Usia 4-5 Tahun.

Soal No:		Soal No:	
1	$Si_1^2 = \frac{14400 - \frac{120^2}{30}}{30} = 464$	14	$Si_{14}^2 = \frac{14641 - \frac{121^2}{30}}{30} = 471,76$
2	$Si_2^2 = \frac{13225 - \frac{115^2}{30}}{30} = 426,13$	15	$Si_{15}^2 = \frac{12996 - \frac{114^2}{30}}{30} = 418,76$
3	$Si_3^2 = \frac{12769 - \frac{113^2}{30}}{30} = 411,44$	16	$Si_{16}^2 = \frac{17689 - \frac{113^2}{30}}{30} = 569,97$
4	$Si_4^2 = \frac{14400 - \frac{120^2}{30}}{30} = 464$	17	$Si_{17}^2 = \frac{13689 - \frac{117^2}{30}}{30} = 441,09$
5	$Si_5^2 = \frac{11881 - \frac{109^2}{30}}{30} = 382,83$	18	$Si_{18}^2 = \frac{12996 - \frac{114^2}{30}}{30} = 418,76$
6	$Si_6^2 = \frac{16384 - \frac{128^2}{30}}{30} = 572,92$	19	$Si_{19}^2 = \frac{7056 - \frac{84^2}{30}}{30} = 156,8$

7	$\text{Si}_7^2 = \frac{10000 - \frac{100^2}{30}}{30} = 322,22$	20	$\text{Si}_{10}^2 = \frac{11881 - \frac{109^2}{30}}{30} = 382,93$
8	$\text{Si}_8^2 = \frac{12764 - \frac{113^2}{30}}{30} = 411,28$	21	$\text{Si}_{21}^2 = \frac{8649 - \frac{93^2}{30}}{30} = 278,69$
9	$\text{Si}_9^2 = \frac{10819 - \frac{104^2}{30}}{30} = 348,61$	22	$\text{Si}_{22}^2 = \frac{7396 - \frac{86^2}{30}}{30} = 238,31$
10	$\text{Si}_{10}^2 = \frac{10609 - \frac{103^2}{30}}{30} = 341,84$	23	$\text{Si}_{23}^2 = \frac{12996 - \frac{114^2}{30}}{30} = 418,76$
11	$\text{Si}_{11}^2 = \frac{12100 - \frac{110^2}{30}}{30} = 389,88$	24	$\text{Si}_{24}^2 = \frac{10000 - \frac{100^2}{30}}{30} = 322,22$
12	$\text{Si}_{12}^2 = \frac{11664 - \frac{108^2}{30}}{30} = 375,84$	25	$\text{Si}_{25}^2 = \frac{11025 - \frac{105^2}{30}}{30} = 355,25$
13	$\text{Si}_{13}^2 = \frac{15376 - \frac{124^2}{30}}{30} = 495,45$		

$$\sum \text{Si}^2 = 464 + 426,13 + 411,44 + 464 + 382,83 + 572,92 + 322,22 + 411,28 + 348,61 + 341,84 + 389,88 + 375,84 + 495,45 + 471,76 + 418,76 + 569,97 + 441,09 + 418,76 + 156,8 + 382,93 + 278,69 + 238,31 + 418,76 + 322,22 + 355,25 = 9879,76$$

$$\text{St}_t^2 = \frac{7601049 - \frac{2757^2}{30}}{30} = 253359,85$$

$$\alpha = \left[\frac{n}{n-1} \right] \left[1 - \frac{\sum \text{Si}^2}{\text{St}^2} \right]$$

$$= \left[\frac{30}{30-1} \right] \left[1 - \frac{9879,76}{253359,85} \right]$$

$$= (1.034)(0.962)$$

$$= 0.994$$

LAMPIRAN 7**Uji Validitas dan Reabilitas Variabel Pola Kelekatan Orangtua-Anak**

N	Nomor Butir Angket														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
N1	4	4	5	4	5	5	2	2	3	5	3	5	5	3	5
N2	4	2	4	4	4	4	4	4	4	5	5	5	3	2	4
N3	2	5	2	5	5	4	5	2	4	3	4	3	4	2	3
N4	5	5	5	5	5	5	5	1	5	5	5	1	3	3	4
N5	2	5	2	2	5	5	4	5	2	2	2	5	5	4	2
N6	4	2	5	4	4	5	5	4	4	5	5	5	3	2	4
N7	5	2	5	3	5	5	5	2	2	4	2	4	5	2	5
N8	2	5	4	5	5	5	4	3	5	2	2	4	3	5	5
N9	2	2	5	5	5	5	3	2	5	4	4	4	4	5	4
N10	5	4	5	5	5	5	4	4	5	5	5	5	5	5	5
N11	2	5	5	5	5	3	4	4	5	5	5	4	3	4	4
N12	5	4	5	3	5	1	4	2	5	2	5	5	4	1	2
N13	4	5	5	4	4	5	5	2	2	4	4	4	2	3	4
N14	4	5	5	5	5	5	3	3	4	5	4	5	5	2	4
N15	3	2	3	4	4	2	3	1	5	3	3	3	3	1	1
N16	5	2	5	3	5	2	5	1	3	2	4	4	2	1	1

N17	5	2	5	3	5	2	5	2	2	4	2	4	4	2	5
N18	2	5	2	5	5	4	3	2	4	3	4	4	4	2	3
N19	4	2	5	4	5	5	2	2	3	5	3	5	1	3	5
N20	5	4	5	5	5	5	4	4	5	2	5	5	2	1	2
N21	5	4	5	5	5	3	4	3	5	2	5	5	4	1	2
N22	4	2	5	3	5	3	3	2	2	4	2	4	5	2	5
N23	5	4	5	5	5	5	4	3	3	2	5	5	4	1	3
N24	3	2	3	4	4	2	3	1	4	3	3	2	2	1	3
N25	5	4	5	5	5	5	4	2	5	5	5	5	5	5	4
N26	2	3	2	5	5	3	5	2	4	3	4	3	4	2	3
N27	3	2	3	4	4	2	3	1	5	3	3	2	4	1	1
N28	5	2	4	5	4	4	5	1	3	2	4	4	2	1	2
N29	5	2	5	3	5	5	4	2	2	4	2	4	5	2	5
N30	4	3	5	5	5	5	4	3	4	5	4	5	5	2	4
ΣX	115	100	129	127	143	119	118	72	114	108	113	123	110	71	104
ΣX^2	11025	10000	16641	16129	20449	14161	13924	5184	12996	11664	12769	15129	12100	5041	10816
Validit as	0,159	0,373	0,388	0,364	0,480	0,672	0,028	0,522	0,182	0,621	0,391	0,394	0,443	0,604	0,632
	drop	valid	valid	valid	valid	valid	drop	valid	drop	valid	valid	valid	valid	valid	valid

N	Nomor Butir Angket								Total Skor	Kuadrat Skor Total
	16	17	18	19	20	21	22	23		
N1	4	3	3	5	5	5	4	4	93	8698
N2	5	4	4	3	5	4	4	4	91	8281
N3	5	4	4	4	5	5	5	3	88	7744
N4	5	5	3	4	5	5	5	3	97	9409
N5	5	5	3	3	5	3	2	5	83	6889
N6	5	4	3	4	5	4	4	4	94	8836
N7	5	4	5	4	5	3	5	1	88	7744
N8	3	1	3	3	3	2	4	5	83	6889
N9	5	5	5	5	5	4	1	4	93	8698
N10	5	5	3	5	5	5	2	5	107	11449
N11	4	5	4	2	5	5	2	3	93	8689
N12	2	2	4	3	5	5	2	4	80	6400
N13	2	4	3	3	5	1	1	4	80	6400
N14	2	3	4	4	5	3	3	3	91	8698
N15	5	3	3	2	3	4	3	5	69	8761
N16	4	2	3	3	4	3	3	3	70	4900
N17	5	4	3	5	5	1	5	1	81	6561
N18	5	4	4	5	5	5	5	3	88	7744
N19	4	3	1	5	5	5	4	4	85	7225
N20	2	2	5	3	5	5	4	4	89	7921

N21	3	2	4	3	5	5	2	4	86	7396
N22	5	4	5	5	5	4	5	1	85	7225
N23	2	2	4	3	5	5	3	4	87	7569
N24	5	3	5	2	3	4	3	5	70	4900
N25	5	5	3	4	5	5	2	3	101	10201
N26	5	2	4	4	5	5	5	3	83	6889
N27	5	3	3	2	3	4	3	4	68	6424
N28	4	4	3	3	4	3	3	2	74	5476
N29	5	3	5	4	5	4	5	5	91	8281
N30	2	3	4	4	4	5	3	3	91	8281
ΣX	123	103	110	109	139	121	102	106	2579	230578
ΣX^2	15129	10609	12100	11881	19321	14641	10404	11236	665124 1	
Validitas	0,043	0,452	0,083	0,573	0,673	0,396	0,027	-0,017		
	drop	valid	drop	valid	valid	valid	drop	drop		

N	Skor item x Skor total (XY)																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
N1	372	372	465	372	465	465	186	186	279	465	279	465	465	279	465	373	279	279	465	465	465	372	372
N2	364	182	364	364	364	364	364	364	364	455	455	455	273	182	364	455	364	364	273	455	364	364	364
N3	176	440	176	440	440	352	440	176	352	264	352	264	352	176	264	440	352	352	440	440	440	440	264
N4	485	485	485	485	485	485	485	97	485	485	485	97	291	291	388	485	485	291	388	485	485	485	291
N5	166	415	166	166	415	415	332	415	166	166	166	415	415	332	166	415	415	249	249	415	249	166	415
N6	376	188	470	376	376	470	470	376	376	470	470	470	282	188	376	470	376	282	376	470	376	376	376
N7	440	176	440	264	440	440	440	176	176	352	176	352	440	176	440	440	352	440	352	440	264	440	88
N8	166	415	332	415	415	415	332	264	415	166	166	332	264	415	415	264	83	264	264	264	166	332	415
N9	186	186	465	465	465	465	279	186	465	372	372	372	372	465	372	465	465	465	465	465	372	93	372
N10	535	428	535	535	535	535	428	428	535	535	535	535	535	535	535	535	535	321	535	535	535	214	535
N11	186	465	465	465	465	379	372	372	465	465	465	372	279	372	372	372	465	372	186	465	465	186	279
N12	400	320	400	240	400	80	320	160	400	160	400	400	320	80	160	160	160	320	240	400	400	160	320
N13	320	400	400	320	320	400	400	160	160	320	320	320	160	240	320	160	320	240	240	400	80	80	320
N14	364	455	455	455	455	273	273	364	455	364	455	455	218	364	182	273	364	364	455	273	273	273	273
N15	207	138	207	276	276	138	207	69	345	207	207	207	207	69	69	345	207	207	138	207	276	207	345
N16	350	140	350	210	350	140	350	70	210	140	280	280	140	70	70	280	140	210	210	280	210	210	210
N17	405	162	405	243	405	162	405	162	162	324	162	324	324	162	405	405	324	243	405	405	81	405	81
N18	176	440	176	440	440	352	264	176	352	264	352	352	352	176	264	440	352	352	440	440	440	440	264
N19	340	170	425	340	425	425	170	170	255	425	255	425	85	255	425	340	255	85	425	425	425	340	340
N20	445	356	445	445	445	445	356	356	445	178	445	445	178	89	178	178	178	445	267	445	445	356	356
N21	430	344	430	430	430	258	344	258	430	172	430	430	344	86	172	258	172	344	258	430	430	172	344
N22	340	170	425	255	425	255	255	170	170	340	170	340	425	170	425	425	340	425	425	425	340	425	85
N23	435	348	435	435	435	435	348	261	261	174	435	435	348	87	261	174	174	448	261	435	435	261	348
N24	210	140	210	280	280	140	210	70	280	210	210	140	140	70	210	350	210	350	140	210	280	210	350
N25	505	404	505	505	505	505	404	202	505	505	505	505	505	505	404	505	505	302	404	505	505	202	303

N26	166	249	166	415	415	249	415	166	332	249	332	249	332	166	249	415	166	332	332	415	415	415	249
N27	204	136	204	272	272	136	204	68	340	204	204	136	272	68	68	340	204	204	136	204	272	204	272
N28	370	148	296	370	296	296	370	74	222	148	296	296	148	74	148	296	296	222	222	296	222	222	148
N29	455	182	455	273	455	455	364	182	182	364	182	364	455	182	455	455	273	455	364	455	364	455	455
N30	364	273	455	455	455	455	364	273	364	455	364	455	455	182	364	182	273	364	364	364	455	273	273
$\Sigma_{\mathbf{X}}$	993	872	112	110	123	105	101	636	985	948	983	106	961	636	916	106	899	959	954	120	105	877	910
\mathbf{Y}	8	7	07	06	49	66	51	0	7	9	4	87	3	0	8	04	3	1	0	95	29	8	7

N	Skor item^2 = x^2																							Total Skor Y
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
N1	16	16	25	16	25	25	4	4	9	25	9	25	25	9	25	16	9	9	25	25	25	16	16	399
N2	16	4	16	16	16	16	16	16	16	25	25	25	9	4	16	25	16	16	9	25	16	16	16	375
N3	4	25	4	25	25	16	25	4	16	9	16	9	16	4	9	25	16	16	16	25	25	25	9	364
N4	25	25	25	25	25	25	25	1	25	25	25	1	9	9	16	25	25	9	16	25	25	25	9	445
N5	4	25	4	4	25	25	16	25	4	4	4	25	25	16	4	25	25	9	9	25	9	4	25	341
N6	16	4	25	16	16	25	25	16	16	25	25	25	9	4	16	25	16	9	16	25	16	16	16	402
N7	25	4	25	9	25	25	25	4	4	16	4	16	25	4	25	25	16	25	16	25	9	25	1	378
N8	4	25	16	25	25	25	16	9	25	4	4	16	9	25	25	9	1	9	9	9	4	16	25	335
N9	4	4	25	25	25	25	9	4	25	16	16	16	16	25	16	25	25	25	25	25	16	1	16	409
N10	25	16	25	25	25	25	16	16	25	25	25	25	25	25	25	25	25	9	25	25	25	4	25	511
N11	4	25	25	25	25	9	16	16	25	25	25	16	9	16	16	16	25	16	4	25	25	4	9	401
N12	25	16	25	9	25	1	16	4	25	4	25	25	16	1	4	4	4	16	9	25	25	4	16	324
N13	16	25	25	16	14	25	25	4	4	16	16	16	4	9	16	4	16	9	9	25	1	1	16	312
N14	16	25	25	25	25	25	9	9	16	25	16	25	25	4	16	4	9	16	16	25	9	9	9	383
N15	9	4	9	16	16	4	9	1	25	9	9	9	9	1	1	25	9	9	4	9	16	9	25	237

N16	25	4	25	9	25	4	25	1	9	4	16	16	4	1	1	16	4	9	9	16	9	9	9	250
N17	25	4	25	9	25	4	25	4	4	16	4	16	16	4	25	25	16	9	25	25	1	25	1	333
N18	4	25	2	25	25	16	9	4	16	9	16	16	16	4	9	25	16	16	25	25	25	25	9	362
N19	16	4	25	16	25	25	4	4	9	25	9	25	1	9	25	16	9	1	25	25	25	16	16	355
N20	25	16	25	25	25	16	16	25	4	25	25	4	1	4	4	4	25	9	25	25	16	16	385	
N21	25	16	25	25	25	9	16	9	25	4	25	25	16	1	4	9	4	16	9	25	25	4	16	358
N22	16	4	25	9	25	9	9	4	4	16	4	16	25	4	25	25	16	25	25	16	25	1	353	
N23	25	16	25	25	25	16	9	9	4	25	25	16	1	9	4	4	16	9	25	25	9	16	363	
N24	9	4	9	16	16	4	9	1	16	9	9	4	4	1	9	25	9	25	4	9	16	9	25	242
N25	25	16	25	25	25	16	4	25	25	25	25	25	25	16	25	25	9	16	25	25	4	9	465	
N26	4	9	4	25	25	9	25	4	16	9	16	9	16	4	9	25	4	16	16	25	25	25	9	329
N27	9	4	9	16	16	4	9	1	25	9	9	4	16	1	1	25	9	9	4	9	16	9	16	230
N28	25	4	16	25	16	16	25	1	9	4	16	16	4	1	4	16	16	9	9	16	9	9	4	270
N29	25	4	25	9	25	25	16	4	4	16	4	16	25	4	25	25	9	25	16	25	16	25	25	393
N30	16	9	25	25	25	16	9	16	25	16	25	25	4	16	4	9	16	16	16	25	9	9	381	
	483	382	589	561	685	521	488	208	472	432	463	537	444	221	412	547	391	428	425	659	529	394	414	10685

$$\sum(y^2) = 10685$$

Ukur	Item																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
N	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
Σx	115	100	129	127	143	119	118	72	114	108	113	123	110	71	104	123	103	110	109	139	121	102	106
Σy	257 9	2579	257 9																				
Σxy	993 8	872 7	112 07	110 06	123 49	105 66	101 51	636 0	985 7	948 9	983 4	106 87	961 3	636 0	916 8	106 04	899 3	959 1	954 0	120 95	105 29	8778	910 7
$\Sigma(x^2)$	483	382	589	561	685	521	488	208	472	432	463	537	444	221	412	547	391	428	425	659	529	394	414
$\Sigma(y^2)$	106 85	1068 106 85																					
$(\Sigma x)^2$	110 25	100 00	166 41	161 29	204 49	141 61	139 24	518 4	129 96	116 64	127 69	151 29	121 00	504 1	108 16	151 29	106 09	121 00	118 81	193 21	146 41	1040 4	112 36
$(\Sigma y)^2$	665 124 1	6651 241 1	665 124 1																				
rxy	0,1 59	0,3 73	0,3 88	0,3 64	0,4 80	0,6 72	0,0 28	0,5 22	0,1 82	0,6 21	0,3 91	0,3 94	0,4 43	0,6 04	0,6 32	0,0 43	0,4 52	0,0 83	0,5 73	0,6 73	0,3 96	0,02 7	- 0,01 7

Menghitung Uji Validitas Variabel Pola Kelekatan Orangtua-Anak

No. Resp.	X	Y	XY	X ²	Y ²
N1	4	93	372	16	8649
N2	2	91	182	4	8281
N3	5	88	440	25	7744
N4	5	97	485	25	9409
N5	5	83	415	25	6889
N6	2	94	188	4	8836
N7	2	88	176	4	7744
N8	5	83	415	25	6889
N9	2	93	186	4	8649
N10	4	107	428	16	11449
N11	5	93	465	25	8649
N12	4	80	320	16	6400
N13	5	80	400	25	6400
N14	5	91	455	25	8281
N15	2	69	138	4	4761
N16	2	70	140	4	4900
N17	2	81	162	4	6561
N18	5	88	440	25	7744
N19	2	85	170	4	7225
N20	4	89	356	16	7921
N21	4	86	344	16	7396
N22	2	85	170	4	7225

N23	4	87	348	16	7569
N24	2	70	140	4	4900
N25	4	101	404	16	10201
N26	3	83	249	9	6889
N27	2	68	136	4	4624
N28	2	74	148	4	5476
N29	2	91	182	4	8281
N30	3	91	273	9	8281
Jumlah	100	2579	8727	382	224223

n=30

x=100

y= 2579

xy = 8727

x² = 382y² = 224223

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

$$r_{xy} = \frac{30(87727) - (100)(2579)}{\sqrt{30(382) - (100)^2)(30(224223) - (2579)^2}}$$

$$r_{xy} = \frac{3910}{10495,50} = 0,3725$$

Menghitung Reliabilitas Variabel Pola Kelekatan Orangtua-Anak

Soal No:		Soal No:	
1	$Si_1^2 = \frac{13325 - \frac{115^2}{30}}{30} = 429,47$	13	$Si_{13}^2 = \frac{12100 - \frac{110^2}{30}}{30} = 389,88$
2	$Si_2^2 = \frac{10000 - \frac{100^2}{30}}{30} = 322,22$	14	$Si_{14}^2 = \frac{5041 - \frac{71^2}{30}}{30} = 162,43$
3	$Si_3^2 = \frac{16641 - \frac{129^2}{30}}{30} = 536,21$	15	$Si_{15}^2 = \frac{10816 - \frac{104^2}{30}}{30} = 348,31$
4	$Si_4^2 = \frac{16129 - \frac{127^2}{30}}{30} = 519,71$	16	$Si_{16}^2 = \frac{15129 - \frac{123^2}{30}}{30} = 487,49$
5	$Si_5^2 = \frac{20449 - \frac{143^2}{30}}{30} = 658,91$	17	$Si_{17}^2 = \frac{10609 - \frac{103^2}{30}}{30} = 341,84$
6	$Si_6^2 = \frac{14161 - \frac{119^2}{30}}{30} = 456,29$	18	$Si_{18}^2 = \frac{12100 - \frac{110^2}{30}}{30} = 389,88$

7	$\text{Si}_7^2 = \frac{13924 - \frac{118^2}{30}}{30} = 446,66$	19	$\text{Si}_{19}^2 = \frac{11881 - \frac{109^2}{30}}{30} = 382,83$
8	$\text{Si}_8^2 = \frac{5184 - \frac{72^2}{30}}{30} = 167,04$	20	$\text{Si}_{20}^2 = \frac{19321 - \frac{139^2}{30}}{30} = 622,56$
9	$\text{Si}_9^2 = \frac{12996 - \frac{114^2}{30}}{30} = 418,76$	21	$\text{Si}_{21}^2 = \frac{14641 - \frac{121^2}{30}}{30} = 470,89$
10	$\text{Si}_{10}^2 = \frac{11664 - \frac{108^2}{30}}{30} = 375,48$	22	$\text{Si}_{22}^2 = \frac{10404 - \frac{102^2}{30}}{30} = 335,24$
11	$\text{Si}_{11}^2 = \frac{11664 - \frac{113^2}{30}}{30} = 374,61$	23	$\text{Si}_{23}^2 = \frac{11236 - \frac{106^2}{30}}{30} = 362,04$
12	$\text{Si}_{12}^2 = \frac{15129 - \frac{123^2}{30}}{30} = 487,49$		

$$\sum \text{Si}^2 = 129,47 + 322,22 + 536,21 + 519,71 + 658,91 + 456,29 + 446,66 + 167,04 + 418,76 + 375,49 + 374,61 + 487,49 + 389,88 + 162,43 + 348,31 + 487,49 + 341,84 + 389,88 + 382,83 + 622,56 + 470,89 + 335,24 + 362,04 = \mathbf{9195,26}$$

$$\text{St}_t^2 = \frac{6651241 - \frac{2579^2}{30}}{30} = \mathbf{214317,96}$$

$$\alpha = \left[\frac{n}{n-1} \right] \left[1 - \frac{\sum \text{Si}^2}{\text{St}^2} \right]$$

$$= \left[\frac{30}{30-1} \right] \left[1 - \frac{9195,26}{214317,96} \right]$$

$$= (1.034)(0.958)$$

$$= 0.990$$

LAMPIRAN 8**INSTRUMEN KEMAMPUAN INTERAKSI SOSIAL ANAK USIA 4-5 TAHUN**

Nama Anak : _____

Kelas : _____

Usia : _____

No	Pernyataan	SL	SR	KD	JR	BP
1.	Anak membereskan mainan bersama dengan temannya.					
2.	Anak tidak marah ketika ada teman yang tidak mau bermain dengannya.					
3	Anak tidak marah jika keinginannya tidak terpenuhi.					
4	Anak tidak memilih-milih teman ketika sedang bermain.					
5	Anak paham jika orang lain sedang bersedih.					
6	Anak merasa nyaman berada di lingkungan sekolah.					
7	Anak memiliki keinginan untuk mendapatkan nilai yang lebih tinggi dari teman-temannya.					

8	Anak tekun dan serius dalam mengerjakan suatu hal untuk mendapatkan hasil yang maksimal.				
9	Anak berani tampil di depan umum.				
10	Anak protes jika ada temannya yang melakukan kesalahan saat mengerjakan sesuatu.				
11	Anak bertengkar dengan temannya.				
12	Anak akan membalas jika ada teman yang memukulnya.				
13	Anak menolak jika dimintai tolong.				
14	Anak mengakui kesalahannya saat ditanya oleh orang lain.				
15	Anak memberi selamat jika ada teman yang mendapat nilai lebih tinggi darinya.				
16	Anak berbagi makanan jika ada temannya yang tidak membawa makanan.				
17	Anak selalu bermain kejar-kejaran dengan temannya.				
18	Anak marah jika diejek oleh temannya.				
19	Anak diam ketika temannya sedang marah.				
20	Anak protes jika mendapat nilai yang lebih rendah dari temannya.				

LAMPIRAN 9**INSTRUMEN KELEKATAN ANAK DENGAN ORANGTUA**

Nama Orang Tua : _____

Nama Anak : _____

Kelas : _____

Usia : _____

No	Pernyataan	SL	SR	KD	JR	BP
1	Anak tidak mencari orangtua saat tidak berada di dekat anak.					
2	Anak menyambut kehadiran orangtua ketika bertemu kembali.					
3	Anak menunjukkan hasil karyanya kepada orangtua.					
4	Anak mencari orangtua ketika sedang bersedih.					
5	Anak menolak untuk melakukan kontak dengan orangtua saat kembali bertemu.					

6	Anak selalu menuntut apapun kepada orangtua.				
7	Anak selalu menghampiri ketika dipanggil oleh orangtua.				
8	Anak berani mengutarakan pendapatnya.				
9	Anak menceritakan apapun yang dialaminya kepada orangtua.				
10	Anak tidak menangis ketika orangtua akan pergi bekerja.				
11	Anak asik bermain ketika orangtua datang.				
12	Anak melakukan perintah yang diberikan oleh orangtua.				
13	Anak tidak menghampiri orangtua ketika sedang membutuhkan sesuatu.				
14	Anak tidak pernah mengeluh kepada orangtua.				
15	Anak dapat tidur nyenyak ketika ditemani oleh orangtua.				
16	Anak menatap mata orangtua ketika sedang berbicara.				