

# LAMPIRAN

### **Lampiran 1. Cara pembuatan reagensia**

1. Reagen Nelson A : 12,5 g Na-karbonat anhidrat, 12,5 g Rochelle, 10 g Na-bikarbonat dan 100 g Na-sulfat anhidrat dilarutkan dalam 350 ml air destilata dan diencerkan sampai 500 ml.

Reagen Nelson B : 7,5 g  $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$  dilarutkan dalam 50 ml air destilata dan ditambahkan 1 tetes asam sulfat pekat.

Reagen Nelson dibuat dengan cara mencampur 25 bagian reagen Nelson A dan satu bagian reagen Nelson B. Pencampuran dilakukan setiap akan digunakan.

2. Larutan Arsenomolybdat

25 g Ammonium molybdat dilarutkan dalam 450 ml air destilata dan ditambah 25 ml asam sulfat pekat. Pada tempat lain 3 g  $\text{Na}_2\text{HAsO}_4 \cdot 7\text{H}_2\text{O}$  dilarutkan dalam 25 ml air destilata kemudian dituangkan dalam larutan pertama. Setelah itu disimpan dalam botol warna coklat dan diinkubasi pada suhu  $37^\circ\text{C}$  selama 24 jam. Reagen tersebut baru bisa digunakan

**Lampiran 2 : Lembar kuesioner untuk uji sensoris**

Nama :  
 Tanggal :  
 Tanda tangan :  
 Bahan : Sawo

Di hadapan saudara disajikan enam macam sawo potong yang telah diolah minimal. Saudara dimohon untuk memberikan penilaian tentang **aroma, penampakan** dan **rasa** terhadap keenam sampel sawo tersebut sesuai dengan tingkat kesukaan saudara (nilai 1 sampai dengan 9).

Nilai 1 : paling sangat disukai

Nilai 2 : sangat disukai

Nilai 3 : cukup disukai

Nilai 4 : agak sedikit disukai

Nilai 5 : disukai tetapi juga tidak disukai (netral)

Nilai 6 : agak sedikit tidak disukai

Nilai 7 : cukup tidak disukai

Nilai 8 : sangat tidak disukai

Nilai 9 : paling sangat tidak disukai

Nomer kode sampel	Nilai		
	Aroma	Penampakan	Rasa
472			
895			
603			
219			
573			
918			

Ujian 3 : Analisis statistik variansi

DATA WARNA (1)

PERILAKUAN III		HARI			
		0	4	8	12
P1	1	57.7700	53.2050	50.2130	42.1080
	2	58.9500	52.3630	49.4830	42.6650
	3	57.4100	51.4830	48.7850	43.6770
P2	1	58.2000	55.2130	53.7620	50.9650
	2	56.4200	54.1375	52.3730	49.8070
	3	59.4400	56.0080	54.1760	49.7190
P3	1	58.2100	55.6210	54.7680	50.7530
	2	57.8900	56.2930	55.8620	49.4700
	3	57.2300	54.9450	53.2810	49.1390
P4	1	57.5300	50.0780	49.0780	51.2960
	2	57.0800	53.4880	50.4880	50.3420
	3	57.6000	55.3560	49.9450	50.2870
P5	1	58.7800	55.7660	54.3270	56.7530
	2	57.4800	56.8620	55.5450	54.0150
	3	57.6700	57.2810	56.4780	53.3340
P6	1	58.4500	56.6750	55.5580	53.6270
	2	56.0600	55.3740	55.0520	56.5450
	3	59.1170	57.3980	56.2220	55.4470

DATA=WARNA (1)

General Linear Models Procedure  
Class Level Information

Class Levels Values

PERI. 6 P1 P2 P3 P4 P5 P6

HARI

0 12 16 4 8

III.

3 1 2 3

Number of observations in by group = 90

General Linear Models Procedure

DATA=WARNNA (1)

Dependent Variable: DATA

Source	Sum of Squares	df	Mean Square	F Value	Pr > F
Corrected Total	1161.997271	40	29.049932	24.62	0.0001
Model	54.274074	46	1.179871		
Error	1216.271344	86			
R-Square	0.955377				
C.V.	2.026052				
Root MSE	1.086219				
DATA Mean	53.6125690				

Source	Type III SS	df	Mean Square	F Value	Pr > F
Corrected Model	58.1598101	5	11.6319620	49.29	0.0001
Error	162.4347216	12	13.5362268		
Total	205.2381199	19			
Corrected Total	162.4347216	12	13.5362268		
Model	67.6374060	5	13.5274812	50.04	0.0001
Error	1.3517678	1	1.3517678	1.15	0.3492
Total	69.020063	4			
Corrected Total	10.8020063	1	10.8020063	9.16	0.0001

F tests (LSD) for variable: DATA

NOTE: This test controls the type I comparisonwise error rate not the experimentwise error rate.

Alpha= 0.05 df= 12 MSB= 1.351768  
Critical Value of F= 2.18  
Least Significant Difference= 0.9441

WARNING: Cell sizes are not equal.  
Harmonic Mean of cell sizes= 14.4

Means with the same letter are not significantly different.

T Grouping

Mean N PRRT

55.967 15 P6

55.677 15 P5

53.402 15 P3

53.358 15 P2

52.008 15 P4

50.676 12 P1

T Grouping	Mean	N	PERIHARI
A	58.043	3	P1
A	58.020	3	P2
A	57.977	3	P5
A	57.876	3	P6
A	57.777	3	P3
A	57.403	3	P4
A	56.636	3	P5

Means with the same letter are not significantly different.  
 Least Significant Difference = 1.7852  
 Critical Value of  $F = 2.01$   
 Alpha = 0.05 df = 46 MSF = 1.179871

NOTE: This test controls the type I comparisonwise error rate not the experimentwise error rate.  
 F tests (LSD) for variable: DATA

----- DATA=WARNVA (1) -----

T Grouping	Mean	N	HARI
A	57.849	18	0
B	54.864	18	4
C	53.078	18	8
D	51.341	15	16
E	50.553	18	12

Means with the same letter are not significantly different.  
 Harmonic Mean of cell sizes = 17.30769  
 WARNING: Cell sizes are not equal.  
 Least Significant Difference = 0.7432  
 Critical Value of  $F = 2.01$   
 Alpha = 0.05 df = 46 MSF = 1.179871

NOTE: This test controls the type I comparisonwise error rate not the experimentwise error rate.  
 F tests (LSD) for variable: DATA

----- DATA=WARNVA (1) -----

## Lampiran 4 : Analisis stasistik kekerasan

## DATA KEKERASAN (N)

PERILAKUAN		HART				
		0	4	8	12	16
P1	1	9.137	6.092	4.618	1.572	.
	2	9.137	6.397	4.618	1.572	.
	3	9.137	6.092	3.046	3.046	.
P2	1	9.137	8.401	6.092	6.092	4.618
	2	9.137	8.401	7.644	6.092	4.618
	3	9.137	8.401	6.397	6.092	4.618
P3	1	9.137	8.611	6.092	6.092	4.618
	2	9.137	8.401	7.644	6.397	4.618
	3	9.137	8.190	7.644	6.397	4.618
P4	1	9.137	7.644	6.397	6.092	4.618
	2	9.137	8.401	6.092	4.618	3.046
	3	9.137	8.611	6.397	6.092	3.046
P5	1	9.137	8.401	8.401	6.092	6.092
	2	9.137	8.401	8.190	7.664	4.618
	3	9.137	8.190	8.190	7.664	6.397
P6	1	9.137	8.611	8.401	7.664	6.092
	2	9.137	8.611	8.401	7.664	6.092
	3	9.137	8.611	8.401	7.664	6.092

## DATA=KEKERASAN (N)

General Linear Models Procedure  
Class Level Information

Class	Levels	Values
PERI.	6	P1 P2 P3 P4 P5 P6
HART	5	0 12 16 4 8
UI.	3	1 2 3

Number of observations in by group = 90

----- DATA=KEKERASAN (N) -----

General Linear Models Procedure

Dependent Variable: DATA

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	40	314.0965620	7.8524141	30.60	0.0001
Error	46	11.8024992	0.2565761		
Corrected Total	86	325.8990613			

R-Square	C.V.	Root MSE	DATA Mean
0.963785	7.224743	0.506533	7.01109195

Source	DF	Type I SS	Mean Square	F Value	Pr > F
PERI.	5	56.9259969	11.3851994	44.37	0.0001
II.(PERI.)	12	1.6564441	0.1380370	0.54	0.8783
HART	4	216.7567435	54.1891859	211.20	0.0001
PERI.*HART	19	38.7573776	2.0398620	7.95	0.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
PERI.	5	81.51261370	16.30252274	118.10	0.0001
II.(PERI.)	12	1.6564441	0.1380370	0.54	0.8783
HART	4	216.7567435	54.1891859	211.20	0.0001
PERI.*HART	19	38.7573776	2.0398620	7.95	0.0001

T tests (LSD) for variable: DATA

NOTE: This test controls the type I comparisonwise error rate not the experimentwise error rate.

Alpha= 0.05 df= 12 MSE= 0.138037  
 Critical Value of T= 2.18  
 Least Significant Difference= 0.3017  
 WARNING: Cell sizes are not equal.  
 Harmonic Mean of cell sizes= 14.4



----- DATA=KEKERASAN (N) -----

T tests (LSD) for variable: DATA

NOTE: This test controls the type I comparisonwise error rate not the experimentwise error rate.

Alpha= 0.05 df= 46 MSE= 0.256576

Critical Value of T= 2.01

Least Significant Difference= 0.3466

WARNING: Cell sizes are not equal.

Harmonic Mean of cell sizes= 17.30769

Means with the same letter are not significantly different.

T Grouping	Mean	N	HART
A	9.137	18	0
B	8.026	18	4
C	6.815	18	8
D	5.809	18	12
E	4.920	15	16

----- DATA=KEKERASAN (N) -----

T tests (LSD) for variable: DATA

NOTE: This test controls the type I comparisonwise error rate not the experimentwise error rate.

Alpha= 0.05 df= 46 MSE= 0.256576

Critical Value of T= 2.01

Least Significant Difference= 0.8325

Lampiran 5 : Analisis statistik kadar air

----- DATA=KADAR AIR (%) -----

F tests (LSD) for variable: DATA

NOTE: This test controls the type I comparisonwise error rate not the experimentwise error rate.

Alpha= 0.05 df= 46 MSF= 0.441655

Critical Value of F= 2.01

Least Significant Difference= 0.4547

WARNING: Cell sizes are not equal.

Harmonic Mean of cell sizes= 17.30769

Means with the same letter are not significantly different.

F Grouping Mean N HART

A 83.505 18 0

B 80.210 18 4

C 78.030 18 8

D 76.258 18 12

E 74.632 15 16

----- DATA=KADAR AIR (%) -----

F tests (LSD) for variable: DATA

NOTE: This test controls the type I comparisonwise error rate not the experimentwise error rate.

Alpha= 0.05 df= 46 MSF= 0.441655

Critical Value of F= 2.01

Least Significant Difference= 1.0922

## DATA KADAR ATR (%)

PERIAKSIAN	UJ.	HART				
		0	4	8	12	16
P1	1	83.470	77.922	75.210	74.223	.
	2	83.558	77.801	76.322	74.369	.
	3	83.222	76.322	75.513	73.211	.
P2	1	83.665	80.641	78.526	75.015	74.413
	2	83.281	80.877	78.015	77.776	73.263
	3	83.768	80.334	77.984	76.376	74.114
P3	1	83.965	79.762	77.447	75.762	74.543
	2	83.015	81.101	79.609	77.545	74.143
	3	83.862	80.176	78.334	77.101	74.210
P4	1	83.246	79.704	76.376	74.869	73.861
	2	83.212	78.922	76.869	74.381	71.109
	3	83.408	78.911	77.762	75.103	71.332
P5	1	83.712	81.741	79.869	76.332	76.334
	2	83.910	81.641	79.910	77.337	75.702
	3	83.550	82.877	79.048	78.704	76.349
P6	1	83.483	81.614	79.526	78.349	77.521
	2	83.137	81.101	79.046	77.980	76.214
	3	83.621	82.327	79.171	78.210	76.372

## DATA=KADAR ATR (%)

General Linear Models Procedure  
Class Level Information

Class	Levels	Values
PERI.	6	P1 P2 P3 P4 P5 P6
HART	5	0 12 16 4 8
UJ.	3	1 2 3

Number of observations in by group = 90

----- DATA=KADAR ATR (%) -----

General Linear Models Procedure

Dependent Variable: DATA

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	40	984.2448776	24.6061219	55.71	0.0001
Error	46	20.3161167	0.4416547		
Corrected Total	86	1004.5609943			

R-Square	C.V.	Root MSE	DATA Mean
0.979776	0.844853	0.664571	78.6611379

Source	DF	Type I SS	Mean Square	F Value	Pr > F
PERI.	5	83.3898110	16.6779622	37.76	0.0001
III.( PERI.)	12	6.4873580	0.5406132	1.22	0.2963
HART	4	856.5469207	214.1367302	484.85	0.0001
PERI.*HART	19	37.8207879	1.9905678	4.51	0.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
PERI.	5	119.8490245	23.9698049	44.34	0.0001
III.( PERI.)	12	6.4873580	0.5406132	1.22	0.2963
HART	4	856.5469207	214.1367302	484.85	0.0001
PERI.*HART	19	37.8207879	1.9905678	4.51	0.0001

T tests (LSD) for variable: DATA

NOTE: This test controls the type I comparisonwise error rate not the experimentwise error rate.

Alpha= 0.05 df= 12 MSE= 0.540613  
 Critical Value of T= 2.18  
 Least Significant Difference= 0.597  
 WARNING: Cell sizes are not equal.  
 Harmonic Mean of cell sizes= 14.4

## Lampiran 6 : Analisis statistik gula reduksi

## DATA GULA REDUKST

PERTAKIJAN	III.	HART				
		0	4	8	12	16
P1	1	6.719	9.405	9.807	7.404	-
	2	7.157	8.807	8.990	7.607	-
	3	6.978	9.045	9.061	6.829	-
P2	1	7.842	8.293	8.001	9.310	7.114
	2	6.123	7.828	8.732	8.415	8.000
	3	7.352	8.234	8.415	9.105	7.014
P3	1	6.641	8.634	8.081	9.065	7.893
	2	7.283	8.541	8.011	8.761	7.682
	3	7.550	7.916	7.549	8.891	7.019
P4	1	7.015	8.419	9.604	9.616	7.800
	2	6.839	9.158	9.235	10.100	8.100
	3	7.090	8.311	9.521	9.669	6.976
P5	1	7.015	7.937	8.116	9.014	8.000
	2	7.071	7.815	8.213	9.312	7.653
	3	6.950	8.151	9.000	8.214	7.681
P6	1	6.995	7.829	8.825	9.321	8.043
	2	6.890	7.954	9.000	9.175	7.915
	3	6.998	8.114	9.014	9.245	8.501

## DATA=GULA REDUKST

General Linear Models Procedure  
Class Level Information

Class	Levels	Values
PERT.	6	P1 P2 P3 P4 P5 P6
HART	5	0 12 16 4 8
III.	3	1 2 3

Number of observations in by group = 90

----- DATA=GILJA REDUKST -----

General Linear Models Procedure

Dependent Variable: DATA

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	40	62.34942432	1.55873561	10.14	0.0001
Error	46	7.06970453	0.15368923		
Corrected Total	86	69.41912885			

R-Square	C.V.	Root MSE	DATA Mean
0.898159	4.813823	0.392032	8.14388506

Source	DF	Type I SS	Mean Square	F Value	Pr > F
PERT.	5	3.16720073	0.63344015	4.12	0.0036
III.(PERT.)	12	1.18639147	0.09886596	0.64	0.7941
HART	4	41.22304432	10.30576108	67.06	0.0001
PERT.*HART	19	16.77278780	0.88277831	5.74	0.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
PERT.	5	3.27585175	0.65517035	6.63	0.0035
III.(PERT.)	12	1.18639147	0.09886596	0.64	0.7941
HART	4	41.22304432	10.30576108	67.06	0.0001
PERT.*HART	19	16.77278780	0.88277831	5.74	0.0001

T tests (LSD) for variable: DATA

NOTE: This test controls the type I comparisonwise error rate not the experimentwise error rate.

Alpha= 0.05 df= 12 MSE= 0.098866  
 Critical Value of T= 2.18  
 Least Significant Difference= 0.2553  
 WARNING: Cell sizes are not equal.  
 Harmonic Mean of cell sizes= 14.4

NOTE: This test controls the type I comparisonwise error rate not the experimentwise error rate.  
 Alpha = 0.05 df = 46 MSF = 0.153689  
 Critical Value of F = 2.01  
 Least Significant Difference = 0.6443

F tests (LSD) for variable: DATA

----- DATA=GURA REDUKST -----

F Grouping	Mean	N	HART
A	8.836	18	12
A	8.732	18	8
B	8.355	18	4
C	7.693	15	16
D	7.028	18	0

Means with the same letter are not significantly different.

Alpha = 0.05 df = 46 MSF = 0.153689  
 Critical Value of F = 2.01  
 Least Significant Difference = 0.2682  
 WARNING: Cell sizes are not equal -  
 Harmonic Mean of cell sizes = 17.30769

NOTE: This test controls the type I comparisonwise error rate not the experimentwise error rate.

F tests (LSD) for variable: DATA

----- DATA=GURA REDUKST -----

## Lampiran 7 : Analisis statistik total asam

DATA TOTAL ASAM (%)

		HART				
PERILAKUAN	UJ.	0	4	8	12	16
P1	1	0.3180	0.0950	0.0640	0.0430	-
	2	0.3420	0.0910	0.0860	0.0460	-
	3	0.3230	0.0900	0.0710	0.0539	-
P2	1	0.2990	0.2970	0.1590	0.0640	0.0640
	2	0.3170	0.2490	0.1280	0.0740	0.0570
	3	0.3890	0.1370	0.0860	0.0570	0.0410
P3	1	0.3760	0.1360	0.0930	0.0470	0.0530
	2	0.3830	0.2130	0.1730	0.0600	0.0510
	3	0.3900	0.2040	0.1630	0.0740	0.0440
P4	1	0.3280	0.1650	0.0900	0.0670	0.0560
	2	0.3490	0.1014	0.1000	0.0760	0.0470
	3	0.3870	0.1950	0.0900	0.0720	0.0610
P5	1	0.3260	0.3120	0.1870	0.0900	0.0740
	2	0.3170	0.3740	0.2740	0.0840	0.0890
	3	0.3830	0.3690	0.1710	0.0880	0.0630
P6	1	0.3120	0.3370	0.1170	0.0880	0.0840
	2	0.3420	0.3800	0.1740	0.0860	0.0850
	3	0.3190	0.3140	0.2690	0.0890	0.0760

DATA=TOTAL ASAM (%)

General Linear Models Procedure  
Class Level Information

Class	Levels	Values
PERI.	6	P1 P2 P3 P4 P5 P6
HART	5	0 12 16 4 8
UJ.	3	1 2 3

Number of observations in by group = 90



DATA=TOTAL ASAM (%)

General Linear Models Procedure

Dependent Variable: DATA

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	40	1.20519698	0.03012992	28.54	0.0001
Error	46	0.04855781	0.00105560		
Corrected Total	86	1.25375480			
R-Square		C.V.	Root MSE	DATA Mean	
	0.961270	18.89671	0.032490	0.17193506	

Source	DF	Type I SS	Mean Square	F Value	Pr > F
PERI	5	0.07119995	0.01423999	13.49	0.0001
UI.(PERI)	12	0.01366020	0.00113835	1.08	0.3997
HART	4	1.00464184	0.25116046	237.93	0.0001
PERI*HART	19	0.11569499	0.00608921	5.77	0.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
PERI	5	0.10324331	0.02064866	18.14	0.0001
UI.(PERI)	12	0.01366020	0.00113835	1.08	0.3997
HART	4	1.00464184	0.25116046	237.93	0.0001
PERI*HART	19	0.11569499	0.00608921	5.77	0.0001

T tests (LSD) for variable: DATA

NOTE: This test controls the type I comparisonwise error rate not the experimentwise error rate.

Alpha= 0.05 df= 12 MSR= 0.001138

Critical Value of T= 2.18

Least Significant Difference= 0.0274

WARNING: Cell sizes are not equal.

Harmonic Mean of Cell sizes= 14.4

Means with the same letter are not significantly different.

T Grouping Mean N PERI

A 0.2134 15 P5

A

A 0.2048 15 P6

A

0.1640 15 P3

R

0.1612 15 P2

R

0.1456 15 P4

R

0.1352 12 P1

C  
C  
C  
C  
C

DATA=TOTAL ASAM (%)

T tests (LSD) for variable: DATA

NOTE: This test controls the type I comparisonwise error rate not the experimentwise error rate.

Alpha= 0.05 df= 46 MSE= 0.001056  
 Critical Value of T= 2.01  
 Least Significant Difference= 0.0222  
 WARNING: Cell sizes are not equal.  
 Harmonic Mean of cell sizes= 17.30769

Means with the same letter are not significantly different.

T Grouping	Mean	N	HART
A	0.3444	18	0
B	0.2255	18	4
C	0.1386	18	8
D	0.0699	18	12
D	0.0630	15	16

DATA=TOTAL ASAM (%)

T tests (LSD) for variable: DATA

NOTE: This test controls the type I comparisonwise error rate not the experimentwise error rate.

Alpha= 0.05 df= 46 MSE= 0.001056  
 Critical Value of T= 2.01  
 Least Significant Difference= 0.0534

Means with the same letter are not significantly different.

T Grouping	Mean	N	PERI.HART
A	0.3830	3	P3 0
A	0.3547	3	P4 0
R A	0.3517	3	P5 4
R A	0.3437	3	P6 4
R A	0.3420	3	P5 0
R A	0.3350	3	P2 0
R A	0.3277	3	P1 0

Lampiran 8 : Analisis statistik aroma

DATA AROMA

KODE	PANELIS																	
	Lina	Margaratha A.	Tsti	Hadji Suprpto	Dhina	Tanpa nama	Sandra JN	A. Manaf	Suparjinh	Adri W.	Dalyo	Sumarmi	MB Fatik	Tis	J.K.S. Dewi	Nurwulan R.A.	JUMTAH	RRAPA
	3	4	4	4	4	4	2	4	2	2	5	5	7	6	2	4	60	3.75
	6	6	4	4	4	4	2	4	4	2	3	3	3	2	4	2	50	3.12
	3	6	3	4	3	2	2	3	4	2	6	3	6	3	5	2	60	3.75
	5	5	5	8	2	5	2	4	3	6	6	6	6	6	1	3	71	4.44
	7	7	2	6	6	2	2	4	4	7	5	5	7	6	3	2	74	4.62
	3	6	3	4	4	4	2	4	4	4	4	4	4	4	1	1	69	4.31
	472	495	603	573	918													

DATA=AROMA

Analysis of Variance Procedure  
Class level information

Class Levels Values

KODE 6 219 472 573 603 895 918

PANELIS

A. Manaf Adri W. Dalyo Dhina Hadji Suprpto Tis Tsti  
J.K.S. Dewi Lina MB Fatik Margaratha A. Nurwulan R.A.  
Sandra JN Sumarmi Suparjinh Tanpa nama

Number of observations in by group = 96  
Analysis of Variance Procedure

Dependent Variable: NIAT

Source	DF	Sum of Squares	Mean Square	F-Value	Pr > F
PANELIS	15	139.3333333	9.2888889	5.30	0.0001
KODE	5	25.1250000	5.0250000	2.87	0.0202
Error	75	131.5416667	1.7538889		
Corrected Total	95	296.0000000			

NIAT Mean

----- DATA=AROMA -----

Duncan's Multiple Range Test for variable: NTIAT

NOTE: This test controls the type I comparisonwise error rate, not  
the experimentwise error rate

Alpha= 0.05 df= 75 MSE= 1.753889

Number of Means	2	3	4	5	6
Critical Range	0.934	0.982	1.013	1.036	1.055

Lampiran 9 : Analisis statistik penampakan

DATA PENAMPAKAN

KODE	PANELIS									
	1	2	3	4	5	6	7	8	9	10
Lina	1	1	2	3	3	3	3	3	3	3
Margaretha A.	1	1	2	3	3	3	3	3	3	3
Isti Suprpto	1	1	2	3	3	3	3	3	3	3
Hadi Suprpto	1	1	2	3	3	3	3	3	3	3
Dhina	1	1	2	3	3	3	3	3	3	3
Tampa nama	1	1	2	3	3	3	3	3	3	3
Sandra JN	1	1	2	3	3	3	3	3	3	3
A. Manaf	1	1	2	3	3	3	3	3	3	3
Suparjinh	1	1	2	3	3	3	3	3	3	3
Adri W.	1	1	2	3	3	3	3	3	3	3
Dalyo	1	1	2	3	3	3	3	3	3	3
Sumarmi	1	1	2	3	3	3	3	3	3	3
MR Tatik	1	1	2	3	3	3	3	3	3	3
Iis	1	1	2	3	3	3	3	3	3	3
J.K.S. Dewi	1	1	2	3	3	3	3	3	3	3
Nurwulan F.A.	1	1	2	3	3	3	3	3	3	3
Jumlah	71	45	49	45	45	45	45	45	45	45
ERRATA	4.44	2.81	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06

Analysis of Variance Procedure  
Class Level Information

Number of observations in by group = 96

Analysis of Variance Procedure

Class	Levels	Values
KODE	5	219 472 573 603 895 918
PANELIS	16	

A. Manaf Adri W. Dalyo Dhina Hadi Suprpto Iis Isti Margaretha A. Nurwulan F.A. J.K.S. Dewi MR Tatik Sumarmi Tanpa nama Sandra JN Sumarmi Suparjinh Tanpa nama

Dependent Variable: NITAI

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
PANELIS	15	56.32291667	3.75486111	1.43	0.1556
KODE	5	67.30208333	13.46041667	5.13	0.0004
Error	75	196.8645833	2.6248611		
Corrected Total	95	320.4895833			
R-Square					0.385738
C.V.					41.25561
Root MSE					1.620142
NITAI Mean					3.92708333

DATA=PENAMPAKAN

Duncan's Multiple Range Test for variable: NITAT

NOTE: This test controls the type I comparisonwise error rate, not the experimentwise error rate

Alpha= 0.05 df= 75 MSE= 2.624861

Number of Means	2	3	4	5	6
Critical Range	1.142	1.201	1.239	1.267	1.291

Means with the same letter are not significantly different.

Duncan Grouping	Mean	N	KODE
	5.250	16	219
	4.437	16	472
	4.312	16	573
	3.688	16	918
	3.063	16	603
	2.813	16	895

**Lampiran 10 : Analisis statistik rasa**

----- DATA=RASA -----

Duncan's Multiple Range Test for variable: NTLAT

NOTE: This test controls the type I comparisonwise error rate, not  
the experimentwise error rate

Alpha= 0.05 df= 75 MSE= 2.32

Number of Means	2	3	4	5	6
Critical Range	1.074	1.129	1.165	1.192	1.214

## DATA RASA

PANIELTS	KODE					
	472	895	603	219	573	918
Lina	2	4	8	3	4	3
Margaretha A.	3	7	5	3	8	6
Isti	2	3	3	4	4	5
Hadi Suprpto	6	6	3	3	6	4
Dhina	3	2	6	1	5	7
Tanpa nama	2	2	2	3	2	3
Sandra JN	3	2	2	3	2	2
A. Manaf	2	4	4	2	6	6
Suparjinah	1	6	2	2	3	7
Adri W.	2	2	3	2	2	4
Daliyo	5	2	3	3	5	4
Sumarmi	3	4	4	2	6	7
MR Tatik	3	3	4	3	9	7
Tis	4	3	3	7	7	4
J.K.S. Dewi	1	5	5	2	5	5
Nurwulan E.A.	2	3	3	2	2	1
JUMLAH	44	58	60	45	76	75
RERATA	2.75	3.62	3.75	2.81	4.75	4.69

## DATA=RASA

Analysis of Variance Procedure  
Class Level Information

Class Levels Values

KODE 219 472 573 603 895 918

PANIELTS 16 A. Manaf Adri W. Daliyo Dhina Hadi Suprpto Iis Isti  
J.K.S. Dewi Lina MR Tatik Margaretha A. Nurwulan E.A.  
Sandra JN Sumarmi Suparjinah Tanpa nama

Number of observations in by group = 96  
Analysis of Variance Procedure

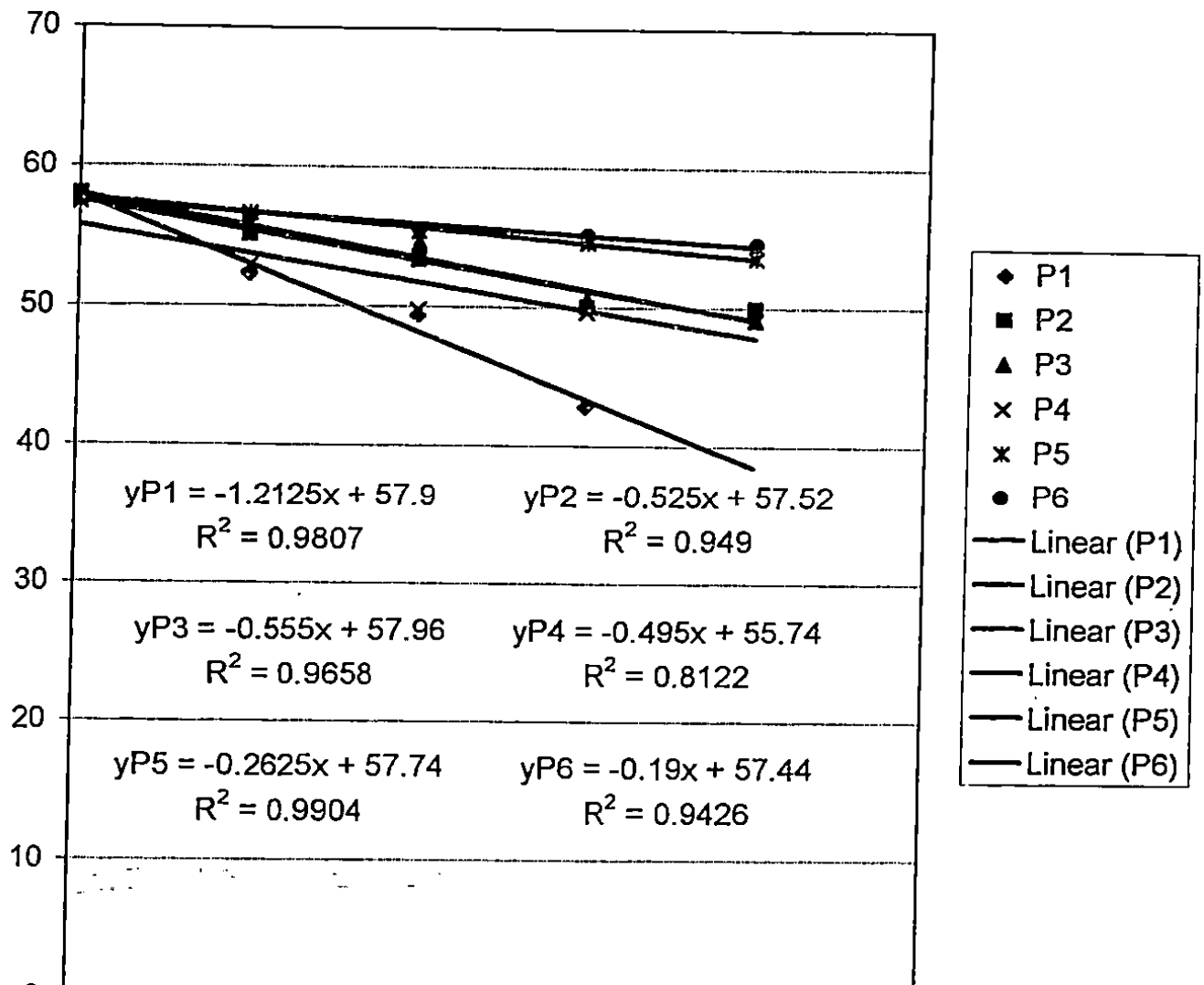
Dependent Variable: NTLAT

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
PANIELTS	15	84.62500000	5.64166667	2.43	0.0061
KODE	5	60.33333333	12.06666667	5.20	0.0004
Error	75	174.00000000	2.32000000		
Corrected Total	95	318.95833333			

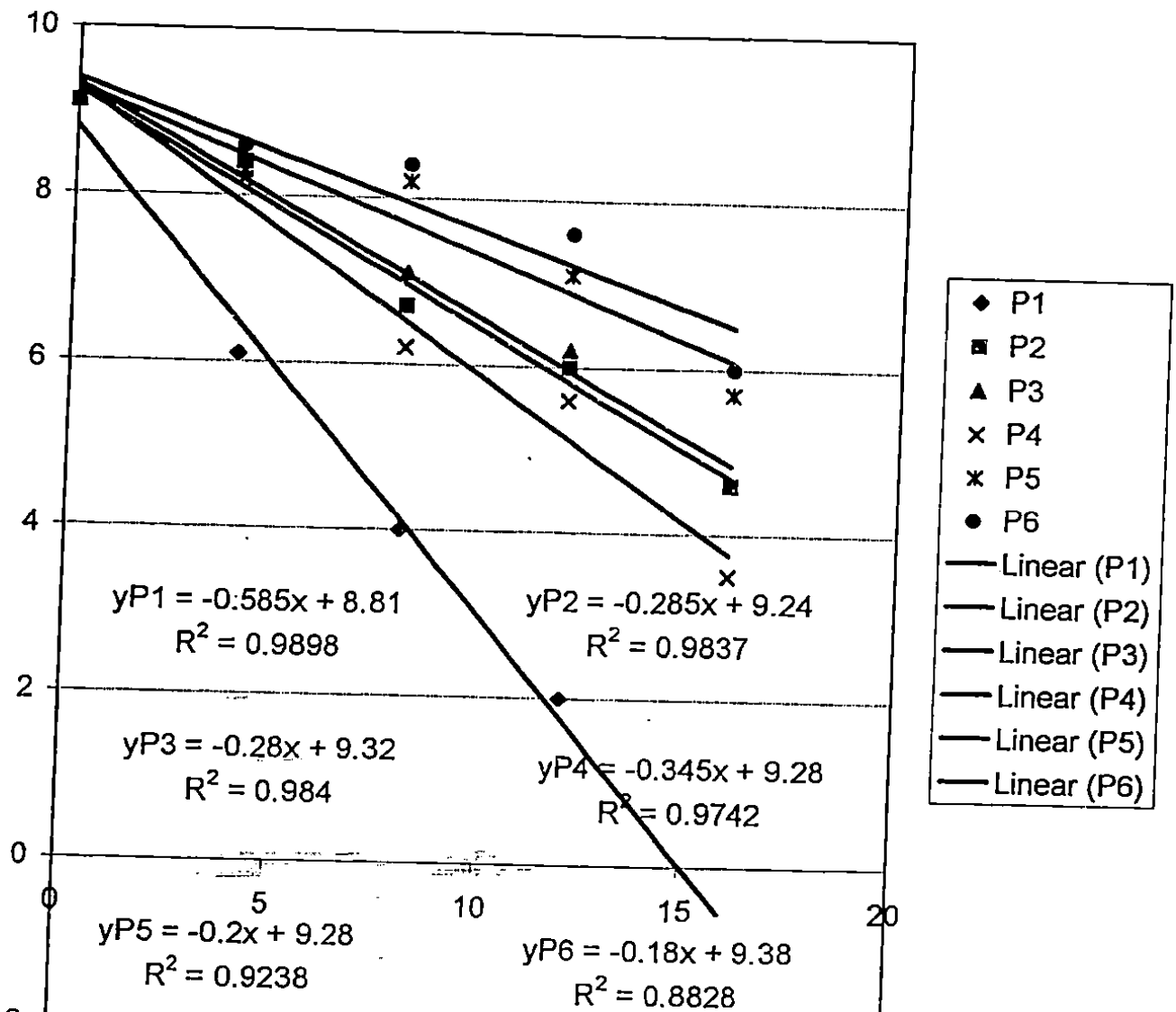
R-Square	C.V.	Root MSE	NTLAT Mean
0.454474	40.84437	1.523155	3.72916667



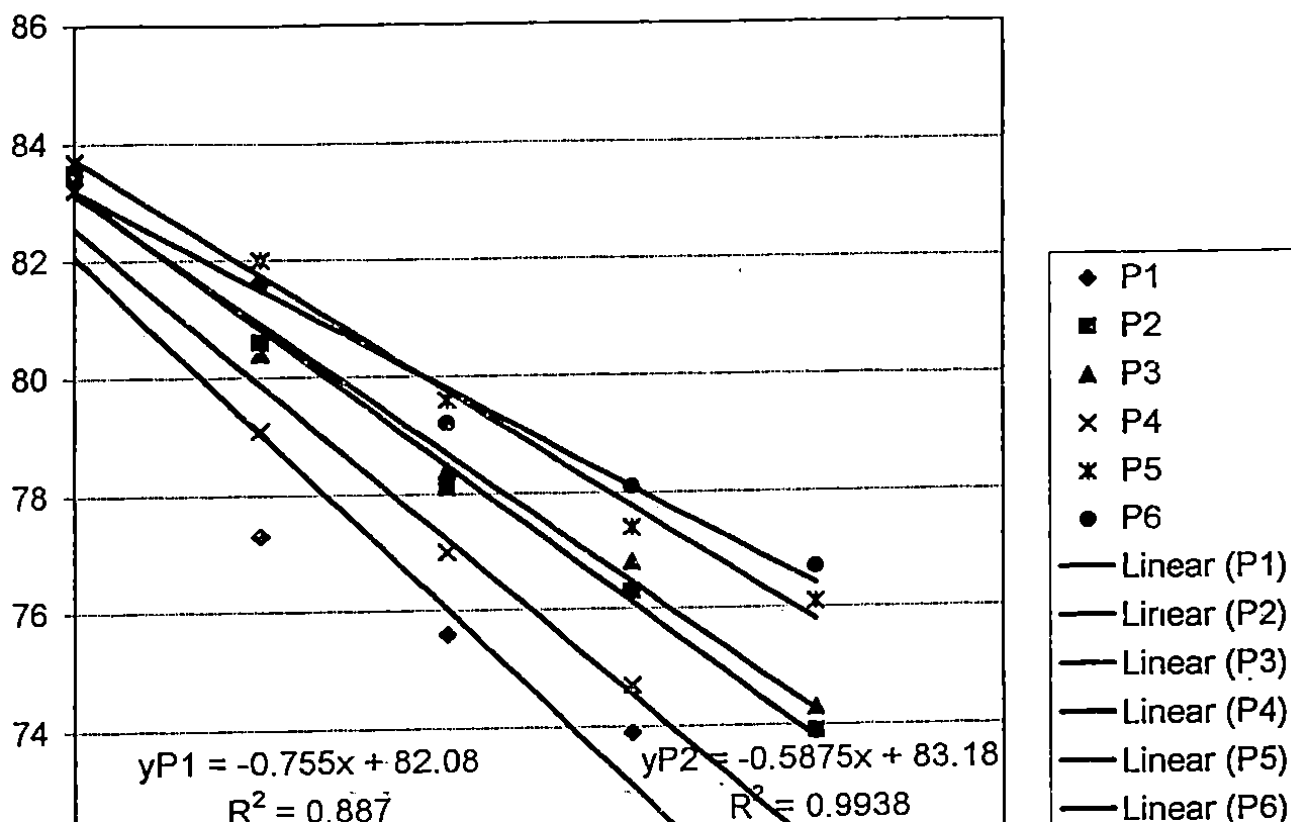
## Lampiran 11. Regresi linier untuk parameter kecerahan warna



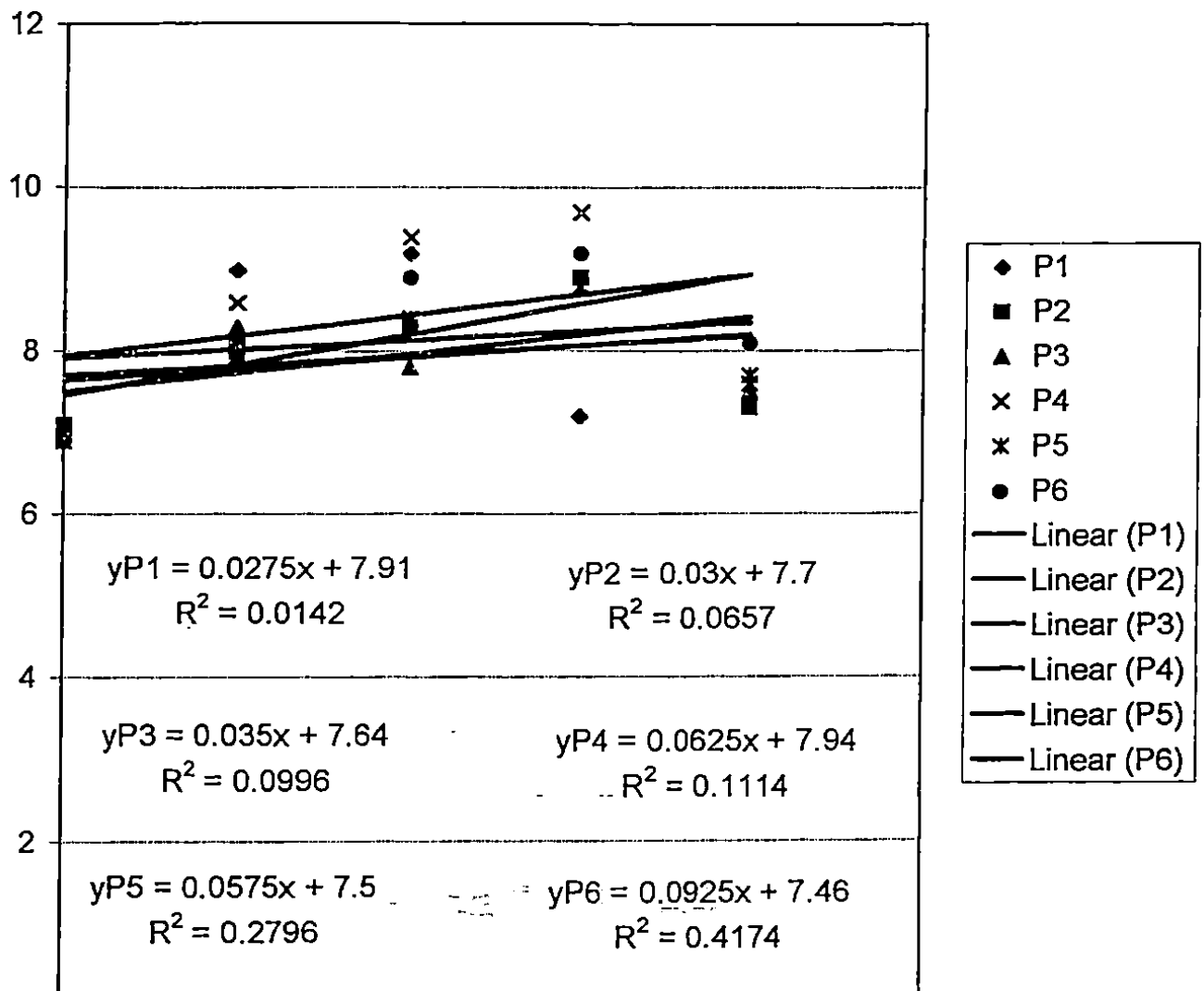
## Lampiran 12. Regresi linier untuk parameter kekerasan



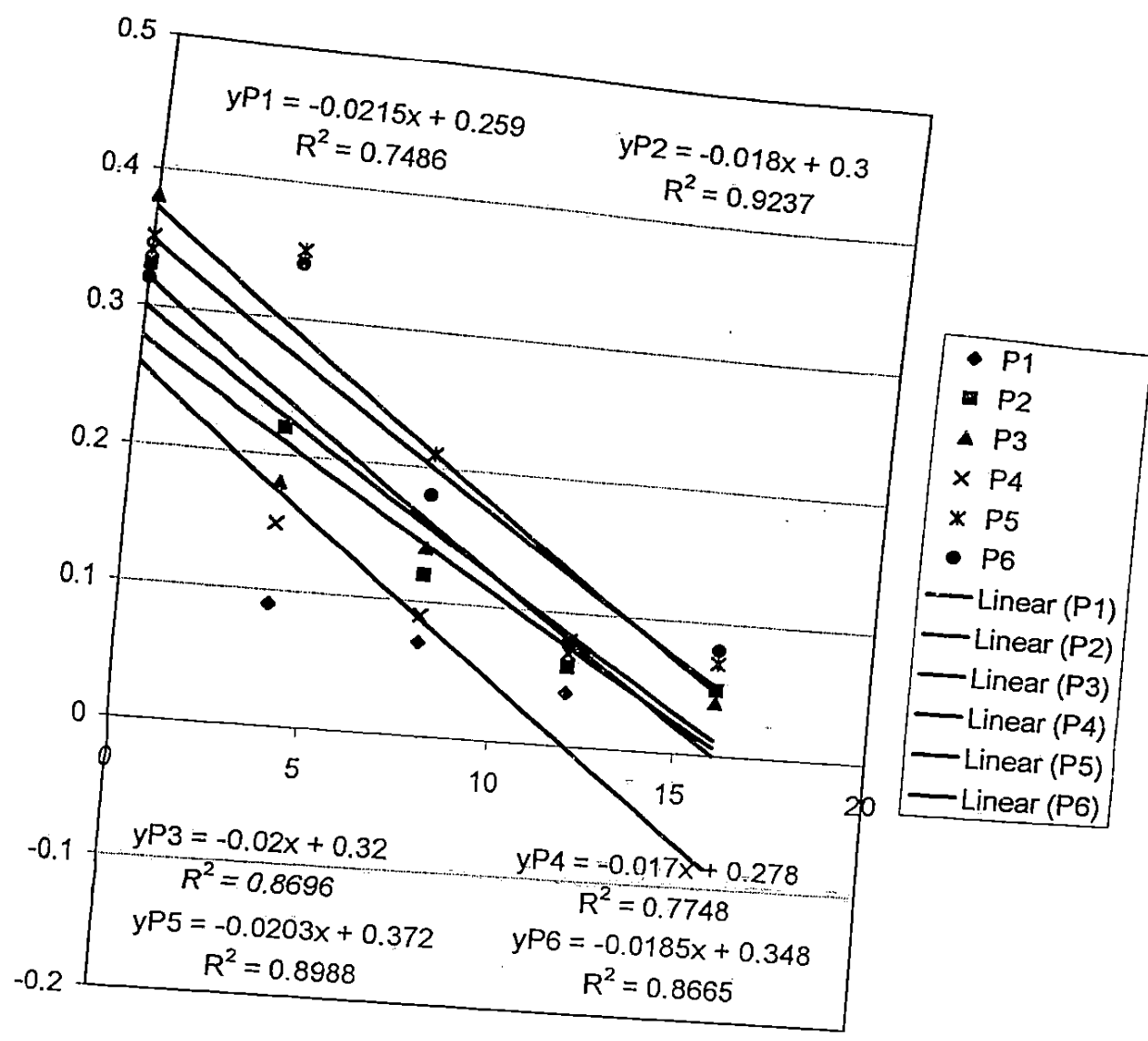
Lampiran 13. Regresi linier untuk parameter kadar air



Lampiran 14. Regresi linier untuk parameter gula reduksi



Lampiran 15 Regresi linier untuk parameter total asam



Lampiran 15 Regresi linier untuk parameter total asam

