APPENDICE

Appendix A – Questionaire Kit

Responden 1

1. Sejak kapan menekuni usaha pembuatan sayur asin?

± 5 th

2. Mengapa tertarik di usaha ini?

Meneruskan usaha keluarga (sudah turun temurun membuatnya).

3. Bahan baku apa saja yang diperlukan untuk membuat sayur asin?

Sawi pahit, air kelapa, garam.

4. Jenis sawi apa yang digunakan untuk membuat sayur asin?

Harus sawi pahit.

5. Apakah semua jenis sawi hijau bisa digunakan untuk membuat sayur asin?

Tidak.

6. Peralatan apa saja yang diperlukan untuk membuat sayur asin?

Tampah, gayung, gentong.

7. Bagaimana cara membuat sayur asin (sedetil dan selengkap mungkin)?

± 50 kg sawi pahit dilayukan. Ditambah dg ± 2 gayung mandi garam krosok, dimasukkan ke dalam gentong. Lalu ditambah air kelapa s/d terendam (± 4 jerigen). Simpan s/d 3-4 hari.

8. Berapa lama waktu yang diperlukan untuk melayukan sayuran? Bagaimana cara melayukannya? (dijemur atau didiamkan?)

Sehari. Dijemur di atas tampah.

9. Garam jenis apa yang digunakan? Berapa banyak? Perbandingan garam | sayur asin | media?

Krosok. ± 2 gayung mandi untuk 50 kg sawi.

10. Bagaimana cara penambahan garam pada sayur asin? Ditaburkan saja atau sembari diremas-remas/digilas?

Kalau jumlah sayur banyak, garam Cuma ditaburkan saja. Tapi kalu jumlah sayur Cuma ≤ 2 kg, diremas.

11. Jika diremas/digilas, bagaimana cara me-remas/nggilas-nya?

Diremas dg tangan (kalau jumlah sawinya sedikit).

12. Media (cairan) apa yang digunakan dalam pembuatan sayur asin?

Air kelapa.

a. Jika menggunakan air kelapa, berapa banyak air kelapa yang digunakan? Adakah bahan lain yang juga ditambahkan? (air biasa atau air lain)

± s/d 4 jerigen besar. Tidak ditambah air lain/air biasa. Karena kalu ditambah air, tidak jadi sayur asinnya.

b. Darimana mendapatkan air kelapa?

Pasar, penjual kelapa.

c. Apakah ada perlakuan tambahan terhadap air kelapa?

Tidak ada.

d. Jika menggunakan air tajin, berapa banyak air yang digunakan? Adakah bahan lain yang juga ditambahkan? (air biasa atau air lain)

e. Jika menggunakan air tajin, bagaimana cara membuatnya? (perbandingan jumlah bahan baku yang digunakan, lama waktu pembuatan, alat pembuatan, cara detil pembuatan). Apakah menggunakan jenis beras khusus?

13. Mengapa menggunakan media (cairan) pada nomor 12 untuk pembuatan sayur asin?

Karena lebih murah dan mudah didapat.

14. Sayur asin yang sudah ditambahkan media (cairan) disimpan dengan menggunakan wadah apa? Apakah ditutup atau tidak? Dimana meletakkan wadahnya?

Gentong. Ditutup. Disimpan di rumah.

15. Apakah perlu membolak balik sayur selama perendaman?

Ya. Harus dibolak balik karena kalau tidak, sayur yg di bagian atas bisa busuk.

16. Berapa lama sayur asin difermentasi/didiamkan?

Kalau pakai air kelapa baru, s/d 7 hari.

Kalau pakai air kelapa lama 2 hari.

17. Pada umur/hari ke berapa sayur asin dapat siap dijual?

Hari ke 3-4. (tapi biasanya hari ke 3-4 belum matang sempurna)

18. Kenampakan seperti apa yang menunjukkan tingkat kematangan sayur asin, sehingga siap untuk dijual? (warna, aroma, rasa)

Warna berubah. Kalau bagian dalam sawi, masih hijau → belum matang. (pembuat tidak pernah mencicipi rasa u/ melihat kematangan).

19. Berapa lama umur simpan sayur asin yang sudah jadi?

10 hari di dalam kulkas, dengan sdikit air. (kalau tidak dikulkas, menjamur)

20. Apabila sayur asin tidak habis terjual, biasanya diolah lagi atau tidak? Jika diolah lagi, diolah menjadi apa? Bagaimana prosesnya?

Biasanya selalu habis (5hari-1 minggu biasanya sudah habis).

21. Bagaimana bentuk dan kenampakan sayur asin yang paling diminati konsumen (paling banyak laku)? Apakah dari warna atau aroma atau atribut yang lain?

Yang bagian dalamnya sudah tidak berwarna hijau dan baunya seperti sayur asin.

22. Menurut Anda, apa saja yang penting untuk menentukan mutu sayur asin? (urutkan jawaban Anda dari yang paling penting hingga yang tidak terlalu penting)

Warna, kenampakan, bau.

23. Apabila ada beberapa atribut seperti dibawah ini, urutkan dari yang menurut anda paling penting (skor 1).

Kriteria	Skor
Warna	1
Rasa	-
Aroma	3
Tekstur/kerenyahan	-
Lain-lain (sebutkan) kenampakan	2

24. Bolehkah dilakukan pengamatan secara langsung saat proses pembuatan sayur asin?

Boleh.

25. Lain-lain

Menurut penjual, kalau rasa (air) makin kecut, warnanya pasti makin jelek (makin hitam). Dan makin lama fermentasi → makin kecut → warna makin hitam.

☺ **Terima Kasih** ☺

Responden 2

1. Sejak kapan menekuni usaha pembuatan sayur asin?

Sejak lama.

2. Mengapa tertarik di usaha ini?

Untuk sambilan di rumah.

3. Bahan baku apa saja yang diperlukan untuk membuat sayur asin?

Sawi pahit, garam, air kelapa.

4. Jenis sawi apa yang digunakan untuk membuat sayur asin?

Sawi pahit (bisa dari bandungan/daerah lain)

5. Apakah semua jenis sawi hijau bisa digunakan untuk membuat sayur asin?

Tidak. Hanya sawi pahit.

6. Peralatan apa saja yang diperlukan untuk membuat sayur asin?

Ember, jemuran, tampah, ember plastik dengan tutup.

7. Bagaimana cara membuat sayur asin (sedetil dan selengkap mungkin)?

Sayur dicuci → dijemur sampai dengan kering dan layu → diberi garam → diremas → dibuang airnya → diberi garam lagi sedikit → dimasukkan ke dalam ember → diberi air kelapa sampai terendam (dilebihi sedikit) → didiamkan → hari kedua, dibalik → hari ke 3 siap untuk dijal.

8. Berapa lama waktu yang diperlukan untuk melayukan sayuran? Bagaimana cara melayukannya? (dijemur atau didiamkan?)

Dari pagi sampai sore. Dijemur. Yang utuh bonggolnya, disang-sang di jemuran, yang pritilan di taruh di tampah.

9. Garam jenis apa yang digunakan? Berapa banyak? Perbandingan garam | sayur asin | media?

Garam krosok, dari garam bata yang ditumbuk kasar. Jumlahnya kira-kira saja. Sekitar 2-3 sendok bebek munjung untuk 1 bonggol.

10. Bagaimana cara penambahan garam pada sayur asin? Ditaburkan saja atau sembari diremas-remas/digilas?

Taburkan dan diremas dengan tangan.

11. Jika diremas/digilas, bagaimana cara me-remas/nggilas-nya?

Diremas biasa dari ujung sampai bonggol.

12. Media (cairan) apa yang digunakan dalam pembuatan sayur asin?

Air kelapa

a. Jika menggunakan air kelapa, berapa banyak air kelapa yang digunakan? Adakah bahan lain yang juga ditambahkan? (air biasa atau air lain)

Sampai penuh. Kira-kira 5-6 jerigen. Tidak ada bahan lain.

b. Darimana mendapatkan air kelapa?

Pesan di pasar. Harga 2ribu/jerigen.

c. Apakah ada perlakuan tambahan terhadap air kelapa?

Tidak.

d. Jika menggunakan air tajin, berapa banyak air yang digunakan? Adakah bahan lain yang juga ditambahkan? (air biasa atau air lain)

e. Jika menggunakan air tajin, bagaimana cara membuatnya? (perbandingan jumlah bahan baku yang digunakan, lama waktu pembuatan, alat pembuatan, cara detil pembuatan). Apakah menggunakan jenis beras khusus?

13. Mengapa menggunakan media (cairan) pada nomor 12 untuk pembuatan sayur asin?

Mudah di dapat, murah.

14. Sayur asin yang sudah ditambahkan media (cairan) disimpan dengan menggunakan wadah apa? Apakah ditutup atau tidak? Dimana meletakkan wadahnya?

Ember plastik dengan tutup, di dalam rumah.

15. Apakah perlu membolak balik sayur selama perendaman?

Perlu, pada hari ke 2 dibalik.

16. Berapa lama sayur asin difermentasi/didiamkan?

2-3 hari.

17. Pada umur/hari ke berapa sayur asin dapat siap dijual?

3 hari.

18. Kenampakan seperti apa yang menunjukkan tingkat kematangan sayur asin, sehingga siap untuk dijual? (warna, aroma, rasa)

Warna: kuning2, Rasa: kecut.

19. Berapa lama umur simpan sayur asin yang sudah jadi?

± 1 bulan jika di suhu ruang dan direndam air kelapa, tanpa dibuka-buka. Kalau dikulkas tanpa air, juga bisa (tp gtw brapa lama).

20. Apabila sayur asin tidak habis terjual, biasanya diolah lagi atau tidak? Jika diolah lagi, diolah menjadi apa? Bagaimana prosesnya?

Biasanya habis, karena membuatnya pas kalau ada sawinya. Dan sayur tahan sampai 1 bulan.

21. Bagaimana bentuk dan kenampakan sayur asin yang paling diminati konsumen (paling banyak laku)? Apakah dari warna atau aroma atau atribut yang lain?

Rasa dan warna. Tergantung selera. Biasanya kalau suka kecut, ya beli/pesan.

22. Menurut Anda, apa saja yang penting untuk menentukan mutu sayur asin? (urutkan jawaban Anda dari yang paling penting hingga yang tidak terlalu penting)

Bersih. Tampa bahan pengawet. Diproses dengan benar.

23. Apabila ada beberapa atribut seperti dibawah ini, urutkan dari yang menurut anda paling penting (skor 1).

Kriteria	Skor
Warna	2
Rasa	1
Aroma	3
Tekstur/kerenyahan	4
Lain-lain (sebutkan)	

24. Bolehkah dilakukan pengamatan secara langsung saat proses pembuatan sayur asin?

Bisa → SUDAH ^^

25. Lain-lain

Sayur biasa dipasarkan di pasar Prembaen

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Lain-lain:

- air kelapa tidak perlu diganti, cukup 1x yg dituang.
- Tdk perlu pakai cuka biar asam/pakai pewarna. Sawi yang sudah dicuci, dijemur smp kering n layu biasanya dari pagi-sore.
- Saat diremas → keluar air (ijo2) → dibuang. Km kalau tdk dibuang bisa berjamur, timbul warna kuning2 di sayure.
- Kl disimpan tanpa air, jamurnya putih. Di gg baru::
    - Ada yg pakai pewarna, dan atau cuka
    - Cara curang (adulterasi):
        - Sawi disiram wedang → jd layu kekuningan
        - Di+ garam and pewarna → rendam semalam
        - Waktu mau dijual, +air kelapa dan sedikit cuka

Appendix B – Fermented Indian mustard with combination of different media and salt concentration

15a. Fermented Indian mustard using *tajin* and 2.5% salt concentration; 15b. Fermented Indian mustard using *tajin* and 10% salt concentration; 15c. Fermented Indian mustard using coconut water and 2.5% salt concentration; 15d. Fermented Indian mustard using coconut water and 10% salt concentration. On figure, 3 days fermentation (left) and 7 days fermentation (right)

Appendix C – SPSS Analysis

GLUCOSINOLATES

Explore

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
SIN	84	100.0%	0	.0%	84	100.0%
OH	84	100.0%	0	.0%	84	100.0%
GBRAS	84	100.0%	0	.0%	84	100.0%
ME	84	100.0%	0	.0%	84	100.0%
NEO	84	100.0%	0	.0%	84	100.0%

Descriptives

			Statistic	Std. Error
SIN	Mean		4301.056520	336.0451081
	95% Confidence Interval for Mean	Lower Bound	3632.676315	
		Upper Bound	4969.436724	
	5% Trimmed Mean		4139.821573	
	Median		4619.205269	
	Variance		9485810.431	
	Std. Deviation		3079.904289	
	Minimum		274.0819	
	Maximum		15843.17	
	Range		15569.09	
	Interquartile Range		5767.343022	
	Skewness		.592	.263
	Kurtosis		.926	.520
OH	Mean		755.933497	46.3559307
	95% Confidence Interval for Mean	Lower Bound	663.733415	
		Upper Bound	848.133578	
	5% Trimmed Mean		731.264670	
	Median		712.948594	
	Variance		180505.274	
	Std. Deviation		424.8591229	
	Minimum		166.7469	

	Maximum		1843.542	
	Range		1676.795	
	Interquartile Range		648.993724	
	Skewness		.677	.263
	Kurtosis		-.184	.520
GBRAS	Mean		399.486390	34.7989770
	95% Confidence Interval for Mean	Lower Bound	330.272624	
		Upper Bound	468.700155	
	5% Trimmed Mean		376.127739	
	Median		355.134046	
	Variance		101721.379	
	Std. Deviation		318.9378923	
	Minimum		24.7737	
	Maximum		1367.005	
	Range		1342.232	
	Interquartile Range		465.259491	
	Skewness		.884	263
	Kurtosis		.235	520
ME	Mean		157.535510	19.1774392
	95% Confidence Interval for Mean	Lower Bound	119.392355	
		Upper Bound	195.678665	
	5% Trimmed Mean		134.808753	
	Median		114.164636	
	Variance		30893.031	
	Std. Deviation		175.7641338	
	Minimum		21.8029	
	Maximum		1490.589	
	Range		1468.786	
	Interquartile Range		96.866318	
	Skewness		5.757	.263
	Kurtosis		41.117	.520
NEO	Mean		69.045440	4.7768362
	95% Confidence Interval for Mean	Lower Bound	59.544505	
		Upper Bound	78.546375	
	5% Trimmed Mean		65.670028	
	Median		53.028745	
	Variance		1916.726	
	Std. Deviation		43.7804267	
	Minimum		14.5259	

Maximum	222.1278	
Range	207.6019	
Interquartile Range	51.836057	
Skewness	1.202	263
Kurtosis	1.279	520

Tests of Normality

	Kolmogorov-Smirnov(a)			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
SIN	.130	84	.001	.919	84	.000
OH	.103	84	.028	.942	84	.001
GBRAS	.120	84	.004	.916	84	.000
ME	.230	84	.000	.484	84	.000
NEO	.155	84	.000	.895	84	.000

a Lilliefors Significance Correction

Oneway

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
SIN	5.484	13	70	.000
OH	2.707	13	70	.004
GBRAS	2.454	13	70	.008
ME	9.145	13	70	.000
NEO	4.571	13	70	.000

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
SIN	Between Groups	514530174.199	13	39579244.169	10.156	.000
	Within Groups	272792091.611	70	3897029.880		
	Total	787322265.810	83			
OH	Between Groups	5246163.366	13	403551.028	2.902	.002
	Within Groups	9735774.402	70	139082.491		
	Total	14981937.767	83			
GBRAS	Between Groups	2279307.627	13	175331.356	1.991	.034
	Within Groups	6163566.841	70	88050.955		
	Total	8442874.468	83			
ME	Between Groups	663923.837	13	51071.064	1.881	.047
	Within Groups	1900197.715	70	27145.682		
	Total	2564121.552	83			
NEO	Between Groups	42846.462	13	3295.882	1.985	.035
	Within Groups	116241.777	70	1660.597		

Total	159088.238	83			

Post Hoc Tests
Homogeneous Subsets

SIN

Duncan

PERL	N	Subset for alpha = .05				
		1	2	3	4	5
"2.5% remas - hari 1"	6	434.061564				
"10% remas - hari 1"	6	605.178451				
"10% non remas - hari 1"	6	642.879090				
"2.5% non remas - hari 1"	6	1380.698372				
"fresh"	6		3986.201191			
"10% non remas - hari 0 jam 3"	6		4202.565550	4202.565550		
"2.5% non remas - hari 0 jam 3"	6		4881.535338	4881.535338		
"10% remas - hari 0 jam 1"	6		4950.209793	4950.209793	4950.209793	
"layu"	6		5585.148197	5585.148197	5585.148197	5585.148197
"10% remas - hari 0 jam 3"	6		5691.293975	5691.293975	5691.293975	5691.293975
"2.5% remas - hari 0 jam 1"	6		5821.447964	5821.447964	5821.447964	5821.447964
"10% non remas - hari 0 jam 1"	6			6699.885469	6699.885469	6699.885469
"2.5% non remas - hari 0 jam 1"	6				7494.710859	7494.710859
"2.5% remas - hari 0 jam 3"	6					7838.975460
Sig.		.457	.171	.061	.053	.087

Means for groups in homogeneous subsets are displayed.
a. Uses Harmonic Mean Sample Size = 6.000.

OH

Duncan

PERL	N	Subset for alpha = .05			
		1	2	3	4
"10% remas - hari 0 jam 1"	6	355.407512			
"fresh"	6	497.537901	497.537901		
"2.5% non remas - hari 1"	6	620.513714	620.513714		
"2.5% remas - hari 0 jam 3"	6	630.187627	630.187627		
"2.5% remas - hari 1"	6	632.636496	632.636496		
"10% non remas - hari 0 jam 1"	6	657.888489	657.888489	657.888489	
"2.5% non remas - hari 0 jam 3"	6	676.543735	676.543735	676.543735	
"2.5% remas - hari 0 jam 1"	6	694.970738	694.970738	694.970738	
"layu"	6	702.383617	702.383617	702.383617	
"10% remas - hari 1"	6	741.924214	741.924214	741.924214	
"2.5% non remas - hari 0 jam 1"	6		923.743894	923.743894	923.743894
"10% remas - hari 0 jam 3"	6		952.191544	952.191544	952.191544

"10% non remas - hari 0 jam 3"	6			1141.1821 67	1141.1821 67
"10% non remas - hari 1"	6				1355.9573 02
Sig.		.138	.082	.057	.070

Means for groups in homogeneous subsets are displayed.
a Uses Harmonic Mean Sample Size = 6.000.

GBRAS

Duncan

		Subset for alpha = .05		
PERL	N	1	2	3
"10% remas - hari 0 jam 1"	6	76.048133		
"10% non remas - hari 0 jam 1"	6	253.809866	253.809866	
"2,5% non remas - hari 0 jam 3"	6	255.405546	255.405546	
"10% remas - hari 0 jam 3"	6	316.372651	316.372651	316.372651
"10% remas - hari 1"	6	317.024597	317.024597	317.024597
"10% non remas - hari 0 jam 3"	6	318.150796	318.150796	318.150796
"2,5% non remas - hari 1"	6	321.081499	321.081499	321.081499
"2,5% remas - hari 1"	6	350.181779	350.181779	350.181779
"fresh"	6	448.243032	448.243032	448.243032
"2,5% remas - hari 0 jam 1"	6		491.718597	491.718597
"2,5% remas - hari 0 jam 3"	6		528.515963	528.515963
"10% non remas - hari 1"	6		605.470786	605.470786
"2,5% non remas - hari 0 jam 1"	6		613.853471	613.853471
"layu"	6			696.932738
Sig.		.069	.085	.067

Means for groups in homogeneous subsets are displayed.
a Uses Harmonic Mean Sample Size = 6.000.

ME

Duncan

		Subset for alpha = .05	
PERL	N	1	2
"10% remas - hari 0 jam 1"	6	72.621955	
"2,5% non remas - hari 0 jam 3"	6	80.736497	
"2,5% remas - hari 1"	6	91.487219	

"10% remas - hari 1"	6	94.650246	
"2,5% non remas - hari 1"	6	97.062050	
"10% non remas - hari 0 jam 1"	6	132.461758	
"2,5% remas - hari 0 jam 3"	6	150.226351	
"10% non remas - hari 0 jam 3"	6	154.905746	
"2,5% remas - hari 0 jam 1"	6	165.660575	
"10% remas - hari 0 jam 3"	6	172.904448	
"2,5% non remas - hari 0 jam 1"	6	174.216779	
"10% non remas - hari 1"	6	182.069402	
"layu"	6	191.669478	
"fresh"	6		444.824637
Sig.		.309	1.000

Means for groups in homogeneous subsets are displayed.
a Uses Harmonic Mean Sample Size = 6.000.

NEO

Duncan

PERL	N	Subset for alpha = .05		
		1	2	3
"10% remas - hari 0 jam 1"	6	29.217603		
"2,5% remas - hari 1"	6	40.754633	40.754633	
"10% remas - hari 1"	6	41.588979	41.588979	
"2,5% non remas - hari 1"	6	50.136820	50.136820	50.136820
"10% non remas - hari 0 jam 1"	6	51.695972	51.695972	51.695972
"2,5% non remas - hari 0 jam 3"	6	58.700559	58.700559	58.700559
"10% non remas - hari 0 jam 3"	6	71.870785	71.870785	71.870785
"2,5% remas - hari 0 jam 3"	6	78.540300	78.540300	78.540300
"2,5% remas - hari 0 jam 1"	6	81.095855	81.095855	81.095855
"10% remas - hari 0 jam 3"	6		84.806031	84.806031
"10% non remas - hari 1"	6		87.301013	87.301013
"layu"	6		91.483395	91.483395
"2,5% non remas - hari 0 jam 1"	6		96.225718	96.225718
"fresh"	6			103.218498
Sig.		.065	.053	.062

Means for groups in homogeneous subsets are displayed.
a Uses Harmonic Mean Sample Size = 6.000.

Correlations

Correlations

		GARAM	R_NR	SIN	OH	GBRAS	ME	NEO	PERL
GARAM	Pearson Correlation	1	.000	-.132	.199	-.189	.059	-.080	.869(**)
	Sig. (2-tailed)	.	1.000	.268	.094	.111	.622	.504	.000
	N	72	72	72	72	72	72	72	72
R_NR	Pearson Correlation	.000	1	-.001	.266(*)	.081	.087	.123	.435(**)
	Sig. (2-tailed)	1.000	.	.993	.024	.499	.467	.303	.000
	N	72	72	72	72	72	72	72	72
SIN	Pearson Correlation	-.132	-.001	1	-.049	.239(*)	.221(*)	.362(**)	-.250(*)
	Sig. (2-tailed)	.268	.993	.	.660	.029	.043	.001	.022
	N	72	72	84	84	84	84	84	84
OH	Pearson Correlation	.199	.266(*)	-.049	1	.611(**)	.305(**)	.664(**)	.341(**)
	Sig. (2-tailed)	.094	.024	.660	.	.000	.005	.000	.001
	N	72	72	84	84	84	84	84	84
GBRAS	Pearson Correlation	-.189	.081	.239(*)	.611(**)	1	.608(**)	.833(**)	-.209
	Sig. (2-tailed)	.111	.499	.029	.000	.	.000	.000	.057
	N	72	72	84	84	84	84	84	84
ME	Pearson Correlation	.059	.087	.221(*)	.305(**)	.608(**)	1	.623(**)	-.223(*)
	Sig. (2-tailed)	.622	.467	.043	.005	.000	.	.000	.042
	N	72	72	84	84	84	84	84	84
NEO	Pearson Correlation	-.080	.123	.362(**)	.664(**)	.833(**)	.623(**)	1	-.190
	Sig. (2-tailed)	.504	.303	.001	.000	.000	.000	.	.083
	N	72	72	84	84	84	84	84	84
PERL	Pearson Correlation	.869(**)	.435(**)	-.250(*)	.341(**)	-.209	-.223(*)	-.190	1
	Sig. (2-tailed)	.000	.000	.022	.001	.057	.042	.083	.
	N	72	72	84	84	84	84	84	84

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

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

COLOR

Explore

PERL

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	PERL	N	Percent	N	Percent	N	Percent
L	"fresh"	60	100.0%	0	.0%	60	100.0%
	"layu"	60	100.0%	0	.0%	60	100.0%
	"2,5% non remas - hari 0 jam 1"	120	100.0%	0	.0%	120	100.0%
	"2,5% non remas - hari 0 jam 3"	120	100.0%	0	.0%	120	100.0%
	"2,5% non remas - hari 1"	120	100.0%	0	.0%	120	100.0%
	"2,5% non remas - hari 2"	120	100.0%	0	.0%	120	100.0%
	"2,5% non remas - hari 3"	120	100.0%	0	.0%	120	100.0%
A	"fresh"	60	100.0%	0	.0%	60	100.0%
	"layu"	60	100.0%	0	.0%	60	100.0%
	"2,5% non remas - hari 0 jam 1"	120	100.0%	0	.0%	120	100.0%
	"2,5% non remas - hari 0 jam 3"	120	100.0%	0	.0%	120	100.0%
	"2,5% non remas - hari 1"	120	100.0%	0	.0%	120	100.0%
	"2,5% non remas - hari 2"	120	100.0%	0	.0%	120	100.0%
	"2,5% non remas - hari 3"	120	100.0%	0	.0%	120	100.0%
B	"fresh"	60	100.0%	0	.0%	60	100.0%
	"layu"	60	100.0%	0	.0%	60	100.0%
	"2,5% non remas - hari 0 jam 1"	120	100.0%	0	.0%	120	100.0%
	"2,5% non remas - hari 0 jam 3"	120	100.0%	0	.0%	120	100.0%
	"2,5% non remas - hari 1"	120	100.0%	0	.0%	120	100.0%
	"2,5% non remas - hari 2"	120	100.0%	0	.0%	120	100.0%
	"2,5% non remas - hari 3"	120	100.0%	0	.0%	120	100.0%

Descriptives

	PERL			Statistic	Std. Error
L	"fresh"	Mean		67.070333	.3117102
		95% Confidence Interval for Mean	Lower Bound	66.446603	
			Upper Bound	67.694064	
		5% Trimmed Mean		67.060741	
		Median		67.010000	
		Variance		5.830	
		Std. Deviation		2.4144972	
		Minimum		61.3600	
		Maximum		72.9700	
		Range		11.6100	
		Interquartile Range		3.135000	
		Skewness		.003	.309
		Kurtosis		.247	.608
	"layu"	Mean		57.018000	.4101912
		95% Confidence Interval for Mean	Lower Bound	56.197209	
			Upper Bound	57.838791	
		5% Trimmed Mean		56.910000	
		Median		56.675000	
		Variance		10.095	
		Std. Deviation		3.1773274	
		Minimum		52.5200	
		Maximum		65.4800	
		Range		12.9600	
		Interquartile Range		5.750000	
		Skewness		.279	.309
		Kurtosis		-.731	.608
	"2,5% non remas - hari 0 jam 1"	Mean		39.146750	1.7216892
		95% Confidence Interval for Mean	Lower Bound	35.737633	
			Upper Bound	42.555867	
		5% Trimmed Mean		38.897870	
		Median		36.810000	
		Variance		355.706	
		Std. Deviation		18.860160 2	
		Minimum		19.5500	
		Maximum		65.4100	
		Range		45.8600	
		Interquartile Range		37.060000	
		Skewness		.030	.221
		Kurtosis		-1.990	.438
	"2,5% non remas - hari 0 jam 3"	Mean		38.640083	1.6311322
		95% Confidence Interval for Mean	Lower Bound	35.410279	
			Upper Bound	41.869888	

	5% Trimmed Mean		38.435093	
	Median		36.320000	
	Variance		319.271	
	Std. Deviation		17.868158 2	
	Minimum		20.1400	
	Maximum		62.7900	
	Range		42.6500	
	Interquartile Range		35.407500	
	Skewness		.025	.221
	Kurtosis		-1.996	.438
"2,5% non remas - hari 1"	Mean		37.088250	1.6060412
	95% Confidence Interval for Mean	Lower Bound	33.908128	
		Upper Bound	40.268372	
	5% Trimmed Mean		36.749352	
	Median		33.385000	
	Variance		309.524	
	Std. Deviation		17.593299 6	
	Minimum		19.3200	
	Maximum		62.6400	
	Range		43.3200	
	Interquartile Range		34.507500	
	Skewness		.064	.221
	Kurtosis		-1.944	.438
"2,5% non remas - hari 2"	Mean		37.943917	1.6873007
	95% Confidence Interval for Mean	Lower Bound	34.602893	
		Upper Bound	41.284941	
	5% Trimmed Mean		37.610556	
	Median		34.055000	
	Variance		341.638	
	Std. Deviation		18.483453 0	
	Minimum		19.2100	
	Maximum		66.8800	
	Range		47.6700	
	Interquartile Range		36.412500	
	Skewness		.055	.221
	Kurtosis		-1.954	.438
"2,5% non remas - hari 3"	Mean		38.247667	1.6778524
	95% Confidence Interval for Mean	Lower Bound	34.925351	
		Upper Bound	41.569982	
	5% Trimmed Mean		38.019167	
	Median		40.785000	
	Variance		337.823	
	Std. Deviation		18.379952 4	
	Minimum		18.9100	

		Maximum		63.7400	
		Range		44.8300	
		Interquartile Range		36.077500	
		Skewness		.022	.221
		Kurtosis		-1.985	.438
A	"fresh"	Mean		-17.996833	.2423877
		95% Confidence Interval for Mean	Lower Bound	-18.481850	
			Upper Bound	-17.511817	
		5% Trimmed Mean		-18.033889	
		Median		-18.160000	
		Variance		3.525	
		Std. Deviation		1.8775268	
		Minimum		-20.9400	
		Maximum		-13.9500	
		Range		6.9900	
		Interquartile Range		3.260000	
		Skewness		.187	.309
		Kurtosis		-1.101	.608
	"layu"	Mean		-20.687667	.3116681
		95% Confidence Interval for Mean	Lower Bound	-21.311313	
			Upper Bound	-20.064020	
		5% Trimmed Mean		-20.811667	
		Median		-21.280000	
		Variance		5.828	
		Std. Deviation		2.4141710	
		Minimum		-25.2500	
		Maximum		-14.1400	
		Range		11.1100	
		Interquartile Range		1.977500	
		Skewness		.995	.309
		Kurtosis		.687	.608
	"2,5% non remas - hari 0 jam 1"	Mean		-8.592250	.7887480
		95% Confidence Interval for Mean	Lower Bound	-10.154050	
			Upper Bound	-7.030450	
		5% Trimmed Mean		-8.419074	
		Median		-5.875000	
		Variance		74.655	
		Std. Deviation		8.6403018	
		Minimum		-21.1300	
		Maximum		.0500	
		Range		21.1800	

	Interquartile Range		17.082500	
	Skewness		-.075	.221
	Kurtosis		-1.932	.438
"2,5% non remas - hari 0 jam 3"	Mean		-8.542833	.7842172
	95% Confidence Interval for Mean	Lower Bound	-10.095662	
		Upper Bound	-6.990005	
	5% Trimmed Mean		-8.370556	
	Median		-6.915000	
	Variance		73.800	
	Std. Deviation		8.5906692	
	Minimum		-21.5900	
	Maximum		.0500	
	Range		21.6400	
	Interquartile Range		16.690000	
	Skewness		-.059	.221
	Kurtosis		-1.947	.438
"2,5% non remas - hari 1"	Mean		-3.606250	.3506918
	95% Confidence Interval for Mean	Lower Bound	-4.300655	
		Upper Bound	-2.911845	
	5% Trimmed Mean		-3.441296	
	Median		-1.070000	
	Variance		14.758	
	Std. Deviation		3.8416359	
	Minimum		-10.4700	
	Maximum		.0700	
	Range		10.5400	
	Interquartile Range		7.240000	
	Skewness		-.367	.221
	Kurtosis		-1.537	.438
"2,5% non remas - hari 2"	Mean		-1.409250	.1446785
	95% Confidence Interval for Mean	Lower Bound	-1.695728	
		Upper Bound	-1.122772	
	5% Trimmed Mean		-1.277778	
	Median		-.410000	
	Variance		2.512	
	Std. Deviation		1.5848740	
	Minimum		-6.0000	
	Maximum		.0000	
	Range		6.0000	
	Interquartile Range		2.557500	
	Skewness		-.994	.221
	Kurtosis		-.143	.438
"2,5% non remas - hari 3"	Mean		-.753750	.0763433
	95% Confidence Interval for Mean	Lower Bound	-.904917	
		Upper Bound	-.602583	

		5% Trimmed Mean		-.664907	
		Median		-.240000	
		Variance		.699	
		Std. Deviation		.8362984	
		Minimum		-4.4400	
		Maximum		.2300	
		Range		4.6700	
		Interquartile Range		1.165000	
		Skewness		-1.564	.221
		Kurtosis		2.883	.438
B	"fresh"	Mean		32.600167	.4634337
		95% Confidence Interval for Mean	Lower Bound	31.672838	
			Upper Bound	33.527495	
		5% Trimmed Mean		32.568148	
		Median		32.590000	
		Variance		12.886	
		Std. Deviation		3.5897422	
		Minimum		24.1300	
		Maximum		40.4800	
		Range		16.3500	
		Interquartile Range		5.312500	
		Skewness		.018	.309
		Kurtosis		-.496	.608
	"layu"	Mean		36.713833	.7673395
		95% Confidence Interval for Mean	Lower Bound	35.178390	
			Upper Bound	38.249276	
		5% Trimmed Mean		36.850556	
		Median		37.425000	
		Variance		35.329	
		Std. Deviation		5.9437864	
		Minimum		22.6400	
		Maximum		50.6000	
		Range		27.9600	
		Interquartile Range		5.115000	
		Skewness		-.579	.309
		Kurtosis		.428	.608
	"2,5% non remas - hari 0 jam 1"	Mean		14.900500	1.3151523
		95% Confidence Interval for Mean	Lower Bound	12.296367	
			Upper Bound	17.504633	
		5% Trimmed Mean		14.440093	
		Median		10.895000	
		Variance		207.555	
		Std. Deviation		14.406771 2	
		Minimum		8200	
		Maximum		39.4400	

	Range		38.6200	
	Interquartile Range		27.117500	
	Skewness		.169	.221
	Kurtosis		-1.783	.438
"2,5% non remas - hari 0 jam 3"	Mean		14.899667	1.2993867
	95% Confidence Interval for Mean	Lower Bound	12.326751	
		Upper Bound	17.472582	
	5% Trimmed Mean		14.493796	
	Median		11.210000	
	Variance		202.609	
	Std. Deviation		14.234068 5	
	Minimum		.8400	
	Maximum		40.6400	
	Range		39.8000	
	Interquartile Range		27.457500	
	Skewness		.117	.221
	Kurtosis		-1.851	.438
"2,5% non remas - hari 1"	Mean		15.109667	1.3176346
	95% Confidence Interval for Mean	Lower Bound	12.500618	
		Upper Bound	17.718715	
	5% Trimmed Mean		14.701389	
	Median		16.110000	
	Variance		208.339	
	Std. Deviation		14.433964 4	
	Minimum		.7300	
	Maximum		40.0200	
	Range		39.2900	
	Interquartile Range		27.972500	
	Skewness		.125	.221
	Kurtosis		-1.831	.438
"2,5% non remas - hari 2"	Mean		16.103083	1.5047658
	95% Confidence Interval for Mean	Lower Bound	13.123497	
		Upper Bound	19.082670	
	5% Trimmed Mean		15.676574	
	Median		10.090000	
	Variance		271.718	
	Std. Deviation		16.483883 4	
	Minimum		-.0800	
	Maximum		41.2900	
	Range		41.3700	
	Interquartile Range		32.487500	
	Skewness		.129	.221
	Kurtosis		-1.863	.438
"2,5% non remas -	Mean		16.401000	1.5238703

	hari 3"	95% Confidence Interval for Mean	Lower Bound	13.383585	
			Upper Bound	19.418415	
		5% Trimmed Mean		15.713056	
		Median		11.880000	
		Variance		278.662	
		Std. Deviation		16.693163 2	
		Minimum		.0700	
		Maximum		50.9300	
		Range		50.8600	
		Interquartile Range		31.740000	
		Skewness		.190	.221
		Kurtosis		-1.696	.438

Tests of Normality

		Kolmogorov-Smirnov(a)			Shapiro-Wilk		
	PERL	Statistic	df	Sig.	Statistic	df	Sig.
L	"fresh"	054	60	200(*)	990	60	923
	"layu"	105	60	098	947	60	011
	"2,5% non remas - hari 0 jam 1"	329	120	000	707	120	000
	"2,5% non remas - hari 0 jam 3"	324	120	000	706	120	000
	"2,5% non remas - hari 1"	329	120	000	728	120	000
	"2,5% non remas - hari 2"	330	120	000	723	120	000
	"2,5% non remas - hari 3"	323	120	000	712	120	000
A	"fresh"	108	60	081	955	60	026
	"layu"	169	60	000	912	60	000
	"2,5% non remas - hari 0 jam 1"	333	120	000	729	120	000
	"2,5% non remas - hari 0 jam 3"	335	120	000	722	120	000
	"2,5% non remas - hari 1"	314	120	000	797	120	000
	"2,5% non remas - hari 2"	257	120	000	814	120	000
	"2,5% non remas - hari 3"	235	120	000	810	120	000
B	"fresh"	083	60	200(*)	988	60	816
	"layu"	152	60	001	945	60	009
	"2,5% non remas - hari 0 jam 1"	330	120	000	765	120	000
	"2,5% non remas - hari 0 jam 3"	332	120	000	749	120	000
	"2,5% non remas - hari 1"	326	120	000	759	120	000
	"2,5% non remas - hari 2"	333	120	000	748	120	000
	"2,5% non remas - hari 3"	331	120	000	769	120	000

* This is a lower bound of the true significance.
a Lilliefors Significance Correction

Oneway

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
L	"fresh"	60	67.070333	2.4144972	.3117102	66.446603	67.694064	61.3600	72.9700
	"layu"	60	57.018000	3.1773274	.4101912	56.197209	57.838791	52.5200	65.4800
	"2,5% non remas - hari 0 jam 1"	120	39.146750	18.8601602	1.7216892	35.737633	42.555867	19.5500	65.4100
	"2,5% non remas - hari 0 jam 3"	120	38.640083	17.8681582	1.6311322	35.410279	41.869888	20.1400	62.7900
	"2,5% non remas - hari 1"	120	37.088250	17.5932996	1.6060412	33.908128	40.268372	19.3200	62.6400
	"2,5% non remas - hari 2"	120	37.943917	18.4834530	1.6873007	34.602893	41.284941	19.2100	66.8800
	"2,5% non remas - hari 3"	120	38.247667	18.3799524	1.6778524	34.925351	41.569982	18.9100	63.7400
	Total	720	42.185139	18.9817465	.7074079	40.796307	43.573971	18.9100	72.9700
A	"fresh"	60	17.996833	1.8775268	.2423877	17.511817	18.481850	13.9500	20.9400
	"layu"	60	20.687667	2.4141710	.3116681	20.064020	21.311313	14.1400	25.2500
	"2,5% non remas - hari 0 jam 1"	120	8.592250	8.6403018	.7887480	7.030450	10.154050	.0500	21.1300
	"2,5% non remas - hari 0 jam 3"	120	8.542833	8.5906692	.7842172	6.990005	10.095662	.0500	21.5900
	"2,5% non remas - hari 1"	120	3.606250	3.8416359	.3506918	2.911845	4.300655	.0700	10.4700
	"2,5% non remas - hari 2"	120	1.409250	1.5848740	.1446785	1.122772	1.695728	.0000	6.0000
	"2,5% non remas - hari 3"	120	.753750	.8362984	.0763433	.602583	.904917	.2300	4.4400
	Total	720	7.041097	8.2769052	.3084620	6.435503	7.646691	.2300	25.2500
B	"fresh"	60	32.600167	3.5897422	.4634337	31.672838	33.527495	24.1300	40.4800
	"layu"	60	36.713833	5.9437864	.7673395	35.178390	38.249276	22.6400	50.6000
	"2,5% non remas - hari 0 jam 1"	120	14.900500	14.4067712	1.3151523	12.296367	17.504633	.8200	39.4400

"2,5% non remas - hari 0 jam 3"	120	14.899667	14.2340685	1.2993867	12.326751	17.472582	.8400	40.6400
"2,5% non remas - hari 1"	120	15.109667	14.4339644	1.3176346	12.500618	17.718715	.7300	40.0200
"2,5% non remas - hari 2"	120	16.103083	16.4838834	1.5047658	13.123497	19.082670	-.0800	41.2900
"2,5% non remas - hari 3"	120	16.401000	16.6931632	1.5238703	13.383585	19.418415	.0700	50.9300
Total	720	18.678486	15.7986305	.5887802	17.522552	19.834420	-.0800	50.9300

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
L	961.127	6	713	.000
A	997.216	6	713	.000
B	197.628	6	713	.000

ANOVA

		Sum of Squares	df	Mean Square	F	Sig
L	Between Groups	60109.499	6	10018.250	35.903	000
	Within Groups	198951.017	713	279.034		
	Total	259060.516	719			
A	Between Groups	28900.369	6	4816.728	168.711	.000
	Within Groups	20356.279	713	28.550		
	Total	49256.647	719			
B	Between Groups	37518.269	6	6253.045	31.410	.000
	Within Groups	141941.777	713	199.077		
	Total	179460.045	719			

Post Hoc Tests
Homogeneous Subsets

L

Duncan

PERL	N	Subset for alpha = .05		
		1	2	3
"2,5% non remas - hari 1"	120	37.088250		
"2,5% non remas - hari 2"	120	37.943917		
"2,5% non remas - hari 3"	120	38.247667		
"2,5% non remas - hari 0 jam 3"	120	38.640083		
"2,5% non remas - hari 0 jam 1"	120	39.146750		
"layu"	60		57.018000	
"fresh"	60			67.070333
Sig.		.464	1.000	1.000

Means for groups in homogeneous subsets are displayed.
a Uses Harmonic Mean Sample Size = 93.333.
b The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

A

Duncan

PERL	N	Subset for alpha = .05				
		1	2	3	4	5
"layu"	60	-20.687667				
"fresh"	60		-17.996833			
"2,5% non remas - hari 0 jam 1"	120			-8.592250		
"2,5% non remas - hari 0 jam 3"	120			-8.542833		
"2,5% non remas - hari 1"	120				-3.606250	
"2,5% non remas - hari 2"	120					-1.409250
"2,5% non remas - hari 3"	120					-.753750
Sig.		1.000	1.000	.950	1.000	.402

Means for groups in homogeneous subsets are displayed.
a Uses Harmonic Mean Sample Size = 93.333.
b The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

B

Duncan

PERL	N	Subset for alpha = .05		
		1	2	3
"2,5% non remas - hari 0 jam 3"	120	14.899667		
"2,5% non remas - hari 0 jam 1"	120	14.900500		
"2,5% non remas - hari 1"	120	15.109667		
"2,5% non remas - hari 2"	120	16.103083		
"2,5% non remas - hari 3"	120	16.401000		
"fresh"	60		32.600167	
"layu"	60			36.713833
Sig.		.528	1.000	1.000

Means for groups in homogeneous subsets are displayed.
a Uses Harmonic Mean Sample Size = 93.333.

b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

SALINITY

SAMPEL

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	SAMPEL	N	Percent	N	Percent	N	Percent
SALINITY	"sayur"	210	100.0%	0	.0%	210	100.0%
	"media"	150	100.0%	0	.0%	150	100.0%

Descriptives

	SAMPEL			Statistic	Std. Error
SALINITY	"sayur"	Mean		41.2762	.38460
		95% Confidence Interval for Mean	Lower Bound	40.5180	
			Upper Bound	42.0344	
		5% Trimmed Mean		41.1640	
		Median		41.0000	
		Variance		31.062	
		Std. Deviation		5.57334	
		Minimum		30.00	
		Maximum		55.00	
		Range		25.00	
		Interquartile Range		4.2500	
		Skewness		.264	.168
		Kurtosis		.024	.334
	"media"	Mean		40.1400	.13177
		95% Confidence Interval for Mean	Lower Bound	39.8796	
			Upper Bound	40.4004	
		5% Trimmed Mean		40.1296	
		Median		40.0000	
		Variance		2.604	
		Std. Deviation		1.61382	
		Minimum		29.00	
		Maximum		44.00	
		Range		15.00	
		Interquartile Range		2.0000	
		Skewness		-1.638	.198
		Kurtosis		14.677	.394

Tests of Normality

		Kolmogorov-Smirnov(a)			Shapiro-Wilk		
	SAMPEL	Statistic	df	Sig.	Statistic	df	Sig.
SALINITY	"sayur"	.162	210	.000	.948	210	.000
	"media"	.201	150	.000	.799	150	.000

a Lilliefors Significance Correction

Oneway

Test of Homogeneity of Variances

SALINITY

Levene Statistic	df1	df2	Sig.
54.173	6	353	.000

ANOVA

SALINITY

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	3306.581	6	551.097	52.771	.000
Within Groups	3686.417	353	10.443		
Total	6992.997	359			

Post Hoc Tests
Homogeneous Subsets

SALINITY

Duncan

		Subset for alpha = .05				
PERL	N	1	2	3	4	5
"fresh"	30	34.5333				
"layu"	30		36.3333			
"2,5% non remas - hari 2"	60			39.8500		
"2,5% non remas - hari 1"	60			40.1000		
"2,5% non remas - hari 3"	60			41.1500		
"2,5% non remas - hari 0 jam 1"	60				43.2333	
"2,5% non remas - hari 0 jam 3"	60					45.0500
Sig.		1.000	1.000	.066	1.000	1.000

Means for groups in homogeneous subsets are displayed.

a Uses Harmonic Mean Sample Size = 46.667.

b The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

Correlations

Descriptive Statistics

	Mean	Std. Deviation	N
SAMPEL	1.42	.494	360
PERL	4.42	1.849	360
SALINITY	40.8028	4.41351	360

Correlations

		SAMPEL	PERL	SALINITY
SAMPEL	Pearson Correlation	1	.267(**)	-.127(*)
	Sig. (2-tailed)		.000	.016
	N	360	360	360
PERL	Pearson Correlation	.267(**)	1	.202(**)
	Sig. (2-tailed)	.000		.000
	N	360	360	360
SALINITY	Pearson Correlation	-.127(*)	.202(**)	1
	Sig. (2-tailed)	.016	.000	
	N	360	360	360

** Correlation is significant at the 0.01 level (2-tailed).
* Correlation is significant at the 0.05 level (2-tailed).

PERCENTAGE OF SUCROSE

Explore

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	PERL	N	Percent	N	Percent	N	Percent
P_O_S	"fresh"	30	100.0%	0	.0%	30	100.0%
	"layu"	30	100.0%	0	.0%	30	100.0%
	"2,5% non remas - hari 0 jam 1"	60	100.0%	0	.0%	60	100.0%
	"2,5% non remas - hari 0 jam 3"	60	100.0%	0	.0%	60	100.0%
	"2,5% non remas	60	100.0%	0	.0%	60	100.0%

	- hari 1"						
	"2,5% non remas - hari 2"	60	100.0%	0	.0%	60	100.0%
	"2,5% non remas - hari 3"	60	100.0%	0	.0%	60	100.0%

Descriptives

	PERL			Statistic	Std. Error
P_O_S	"fresh"	Mean		3.9900	.05761
		95% Confidence Interval for Mean	Lower Bound	3.8722	
			Upper Bound	4.1078	
		5% Trimmed Mean		4.0074	
		Median		4.1000	
		Variance		.100	
		Std. Deviation		.31552	
		Minimum		3.30	
		Maximum		4.40	
		Range		1.10	
		Interquartile Range		.5250	
		Skewness		-.706	.427
		Kurtosis		-.612	.833
	"layu"	Mean		4.3067	.11172
		95% Confidence Interval for Mean	Lower Bound	4.0782	
			Upper Bound	4.5352	
		5% Trimmed Mean		4.3037	
		Median		4.2000	
		Variance		.374	
		Std. Deviation		.61191	
		Minimum		3.50	
		Maximum		5.20	
		Range		1.70	
		Interquartile Range		1.3500	
		Skewness		.176	.427
		Kurtosis		-1.492	.833
	"2,5% non remas - hari 0 jam 1"	Mean		4.9700	.05686
		95% Confidence Interval for Mean	Lower Bound	4.8562	
			Upper Bound	5.0838	
		5% Trimmed Mean		4.9759	
		Median		4.9500	
		Variance		.194	
		Std. Deviation		.44045	
		Minimum		4.20	
		Maximum		5.60	

	Range		1.40	
	Interquartile Range		.8000	
	Skewness		-.143	.309
	Kurtosis		-1.107	.608
"2,5% non remas - hari 0 jam 3"	Mean		5.2200	.08720
	95% Confidence Interval for Mean	Lower Bound	5.0455	
		Upper Bound	5.3945	
	5% Trimmed Mean		5.1981	
	Median		5.1000	
	Variance		.456	
	Std. Deviation		.67543	
	Minimum		4.30	
	Maximum		6.50	
	Range		2.20	
	Interquartile Range		1.1000	
	Skewness		.663	.309
	Kurtosis		-.739	.608
"2,5% non remas - hari 1"	Mean		3.8433	.08996
	95% Confidence Interval for Mean	Lower Bound	3.6633	
		Upper Bound	4.0233	
	5% Trimmed Mean		3.8685	
	Median		4.1000	
	Variance		.486	
	Std. Deviation		.69681	
	Minimum		2.50	
	Maximum		4.70	
	Range		2.20	
	Interquartile Range		1.1000	
	Skewness		-.769	.309
	Kurtosis		-.838	.608
"2,5% non remas - hari 2"	Mean		4.5733	.02057
	95% Confidence Interval for Mean	Lower Bound	4.5322	
		Upper Bound	4.6145	
	5% Trimmed Mean		4.5796	
	Median		4.6000	
	Variance		.025	
	Std. Deviation		.15931	
	Minimum		4.20	
	Maximum		4.90	
	Range		.70	
	Interquartile Range		.2000	
	Skewness		-.846	.309

		Kurtosis		.692	.608
	"2,5% non remas - hari 3"	Mean		4.3967	.01810
		95% Confidence Interval for Mean	Lower Bound	4.3605	
			Upper Bound	4.4329	
		5% Trimmed Mean		4.3926	
		Median		4.4000	
		Variance		.020	
		Std. Deviation		.14018	
		Minimum		4.10	
		Maximum		4.90	
		Range		.80	
		Interquartile Range		.2000	
		Skewness		.290	.309
		Kurtosis		1.513	.608

Tests of Normality

		Kolmogorov-Smirnov(a)			Shapiro-Wilk		
	PERL	Statistic	df	Sig.	Statistic	df	Sig.
P_O_S	"fresh"	.236	30	.000	.873	30	.002
	"layu"	.173	30	.023	.858	30	.001
	"2,5% non remas - hari 0 jam 1"	.152	60	.001	.922	60	.001
	"2,5% non remas - hari 0 jam 3"	.187	60	.000	.889	60	.000
	"2,5% non remas - hari 1"	.294	60	.000	.839	60	.000
	"2,5% non remas - hari 2"	.233	60	.000	.896	60	.000
	"2,5% non remas - hari 3"	.209	60	.000	.876	60	.000

a Lilliefors Significance Correction

Oneway

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
P_O_S	35.329	6	353	.000
SAMPEL	36118325 44606114 0.000	6	353	.000

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
P_O_S	Between Groups	79.888	6	13.315	56.348	.000
	Within Groups	83.412	353	.236		
	Total	163.300	359			
SAMPEL	Between Groups	12.500	6	2.083	9.806	.000
	Within Groups	75.000	353	.212		
	Total	87.500	359			

Post Hoc Tests
Homogeneous Subsets

P_O_S

Duncan

PERL	N	Subset for alpha = .05				
		1	2	3	4	5
"2,5% non remas - hari 1"	60	3.8433				
"fresh"	30	3.9900				
"layu"	30		4.3067			
"2,5% non remas - hari 3"	60		4.3967	4.3967		
"2,5% non remas - hari 2"	60			4.5733		
"2,5% non remas - hari 0 jam 1"	60				4.9700	
"2,5% non remas - hari 0 jam 3"	60					5.2200
Sig.		1.000	.372	.080	1.000	1.000

Means for groups in homogeneous subsets are displayed.
a. Uses Harmonic Mean Sample Size = 46.667.
b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

SAMPEL

Duncan

PERL	N	Subset for alpha = .05	
		1	2
"fresh"	30	1.00	
"layu"	30	1.00	
"2,5% non remas - hari 0 jam 1"	60		1.50

"2,5% non remas - hari 0 jam 3"	60		1.50
"2,5% non remas - hari 1"	60		1.50
"2,5% non remas - hari 2"	60		1.50
"2,5% non remas - hari 3"	60		1.50
Sig.		1.000	1.000

Means for groups in homogeneous subsets are displayed.
a Uses Harmonic Mean Sample Size = 46.667.
b The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

Correlations

Descriptive Statistics

	Mean	Std. Deviation	N
P_O_S	4.5253	.67444	360
PERL	4.42	1.849	360
SAMPEL	1.42	.494	360

Correlations

		P_O_S	PERL	SAMPEL
P_O_S	Pearson Correlation	1	-.053	-.069
	Sig. (2-tailed)		.317	.195
	N	360	360	360
PERL	Pearson Correlation	-.053	1	.267(**)
	Sig. (2-tailed)	.317	.	.000
	N	360	360	360
SAMPEL	Pearson Correlation	-.069	.267(**)	1
	Sig. (2-tailed)	.195	.000	.
	N	360	360	360

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

pH

Explore

Case Processing Summary

		Cases					
		Valid		Missing		Total	
	PERL	N	Percent	N	Percent	N	Percent
PH	"fresh"	18	100.0%	0	0%	18	100.0%
	"layu"	18	100.0%	0	0%	18	100.0%

"2,5% non remas - hari 0 jam 1"	36	100.0%	0	.0%	36	100.0%
"2,5% non remas - hari 0 jam 3"	36	100.0%	0	.0%	36	100.0%
"2,5% non remas - hari 1"	36	100.0%	0	.0%	36	100.0%
"2,5% non remas - hari 2"	36	100.0%	0	.0%	36	100.0%
"2,5% non remas - hari 3"	36	100.0%	0	.0%	36	100.0%

Descriptives

	PERL			Statistic	Std. Error
PH	"fresh"	Mean		5.7422	.00546
		95% Confidence Interval for Mean	Lower Bound	5.7307	
			Upper Bound	5.7537	
		5% Trimmed Mean		5.7430	
		Median		5.7450	
		Variance		.001	
		Std. Deviation		.02315	
		Minimum		5.69	
		Maximum		5.78	
		Range		.09	
		Interquartile Range		.0300	
		Skewness		-.560	.536
		Kurtosis		.211	1.038
	"layu"	Mean		5.6217	.01266
		95% Confidence Interval for Mean	Lower Bound	5.5950	
			Upper Bound	5.6484	
		5% Trimmed Mean		5.6191	
		Median		5.6050	
		Variance		.003	
		Std. Deviation		.05371	
		Minimum		5.56	
		Maximum		5.73	
		Range		.17	
		Interquartile Range		.0800	
		Skewness		.896	.536
		Kurtosis		-.198	1.038
	"2,5% non remas - hari 0 jam 1"	Mean		5.4939	.02233
		95% Confidence Interval for Mean	Lower Bound	5.4486	
			Upper Bound	5.5392	
		5% Trimmed Mean		5.4910	
		Median		5.4850	

	Variance		.018	
	Std. Deviation		.13398	
	Minimum		5.34	
	Maximum		5.70	
	Range		.36	
	Interquartile Range		.2600	
	Skewness		.167	.393
	Kurtosis		-1.675	.768
"2,5% non remas - hari 0 jam 3"	Mean		5.4694	.02081
	95% Confidence Interval for Mean	Lower Bound	5.4272	
		Upper Bound	5.5117	
	5% Trimmed Mean		5.4689	
	Median		5.4800	
	Variance		.016	
	Std. Deviation		.12483	
	Minimum		5.31	
	Maximum		5.63	
	Range		.32	
	Interquartile Range		.2550	
	Skewness		.046	.393
	Kurtosis		-1.951	.768
"2,5% non remas - hari 1"	Mean		4.6053	.04315
	95% Confidence Interval for Mean	Lower Bound	4.5177	
		Upper Bound	4.6929	
	5% Trimmed Mean		4.6092	
	Median		4.6050	
	Variance		.067	
	Std. Deviation		.25890	
	Minimum		4.24	
	Maximum		4.90	
	Range		.66	
	Interquartile Range		.4800	
	Skewness		-.104	.393
	Kurtosis		-1.846	.768
"2,5% non remas - hari 2"	Mean		4.2389	.02450
	95% Confidence Interval for Mean	Lower Bound	4.1891	
		Upper Bound	4.2886	
	5% Trimmed Mean		4.2415	
	Median		4.3200	
	Variance		.022	
	Std. Deviation		.14702	
	Minimum		4.03	

	Maximum		4.40	
	Range		.37	
	Interquartile Range		.3175	
	Skewness		-.349	.393
	Kurtosis		-1.794	.768
"2,5% non remas - hari 3"	Mean		4.0631	.01632
	95% Confidence Interval for Mean	Lower Bound	4.0299	
		Upper Bound	4.0962	
	5% Trimmed Mean		4.0628	
	Median		4.0700	
	Variance		.010	
	Std. Deviation		.09795	
	Minimum		3.94	
	Maximum		4.19	
	Range		.25	
	Interquartile Range		.1875	
	Skewness		.024	.393
	Kurtosis		-1.874	.768

Tests of Normality

		Kolmogorov-Smirnov(a)			Shapiro-Wilk		
	PERL	Statistic	df	Sig.	Statistic	df	Sig.
PH	"fresh"	.132	18	.200(*)	.960	18	.603
	"layu"	.157	18	.200(*)	.880	18	.027
	"2,5% non remas - hari 0 jam 1"	.234	36	.000	.845	36	.000
	"2,5% non remas - hari 0 jam 3"	.282	36	.000	.788	36	.000
	"2,5% non remas - hari 1"	.251	36	.000	.800	36	.000
	"2,5% non remas - hari 2"	.269	36	.000	.785	36	.000
	"2,5% non remas - hari 3"	.220	36	.000	.822	36	.000

* This is a lower bound of the true significance.
a Lilliefors Significance Correction

Oneway

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
SAMPEL	10605659 96755418 00.000	6	209	.000

PH	101.775	6	209	.000

ANOVA

		Sum of Squares	df	Mean Square	F	Sig
SAMPEL	Between Groups	7.500	6	1.250	5.806	.000
	Within Groups	45.000	209	.215		
	Total	52.500	215			
PH	Between Groups	90.453	6	15.075	674.650	.000
	Within Groups	4.670	209	.022		
	Total	95.123	215			

Post Hoc Tests
Homogeneous Subsets

SAMPEL

Duncan

PERL	N	Subset for alpha = .05	
		1	2
"fresh"	18	1.00	
"layu"	18	1.00	
"2,5% non remas - hari 0 jam 1"	36		1.50
"2,5% non remas - hari 0 jam 3"	36		1.50
"2,5% non remas - hari 1"	36		1.50
"2,5% non remas - hari 2"	36		1.50
"2,5% non remas - hari 3"	36		1.50
Sig.		1.000	1.000

Means for groups in homogeneous subsets are displayed.
a Uses Harmonic Mean Sample Size = 28.000.
b The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

PH

Duncan

PERL	N	Subset for alpha = .05					
		1	2	3	4	5	6
"2,5% non remas - hari 3"	36	4.0631					
"2,5% non remas - hari 2"	36		4.2389				
"2,5% non remas - hari 1"	36			4.6053			
"2,5% non remas - hari 0 jam 3"	36				5.4694		

"2,5% non remas - hari 0 jam 1"	36				5.4939		
"layu"	18					5.6217	
"fresh"	18						5.7422
Sig.		1.000	1.000	1.000	.541	1.000	1.000

Means for groups in homogeneous subsets are displayed.
a. Uses Harmonic Mean Sample Size = 28.000.
b. The group sizes are unequal. The harmonic mean of the group sizes is used. Type I error levels are not guaranteed.

Correlations

Descriptive Statistics

	Mean	Std. Deviation	N
PERL	4.42	1.851	216
SAMPEL	1.42	.494	216
PH	4.9254	.66516	216

Correlations

		PERL	SAMPEL	PH
PERL	Pearson Correlation	1	.267(**)	-.921(**)
	Sig. (2-tailed)		.000	.000
	N	216	216	216
SAMPEL	Pearson Correlation	.267(**)	1	-.374(**)
	Sig. (2-tailed)	.000		.000
	N	216	216	216
PH	Pearson Correlation	-.921(**)	-.374(**)	1
	Sig. (2-tailed)	.000	.000	
	N	216	216	216

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