APPENDIX 1

ONE WAY ANOVA OF LIPID CONTENT OF Anadara gra: FROM FOUR LOCATION AT NORTHERN COAST OF CENTRAL JAVA

Variable LIPID
By Variable LOCATION

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	3	171.3711	57.1237	7.4086	.0002
Within Groups	76	585.9937	7.7104		
Total	79	757.3648			

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
2.1967	3	76	.095

Note: Data were double logaritmic and exponential transformed

Variable LIPID
By Variable LOCATION

Multiple Range Tests: Tukey-HSD test with significance level .050

The difference between two means is significant if
MEAN(J)-MEAN(I) >= 1.9635 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 3.71

(*) Indicates significant differences which are shown in the lower triangle

Mean	LOCATION	G r p 4	G r p 3	G r p 2	G r p 1
8.5016	Grp 4				
10.1057	Grp 3				
11.2235	Grp 2	*			
12.4799	Grp 1	*	*	*	

APPENDIX 2

ONE WAY ANOVA OF PROTEIN CONTENT OF Anadara granosa
FROM FOUR LOCATIONS AT NORTHERN COAST OF CENTRAL JAVA

Variable PROTEIN
By Variable LOCATION

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	3	873.7458	291.2486	.4697	.7041
Within Groups	93	57666.0948	620.0655		
Total	96	58539.8407			

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
.5922	3	93	.622

APPENDIX 3

ONE WAY ANOVA OF GLYCOGEN CONTENT OF Anadara granosa
FROM FOUR LOCATIONS AT NORTHERN COAST OF CENTRAL JAVA

Variable GLYCOGEN
By Variable LOCATION

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	3	35192.1125	11730.7042	1.5080	.2176
Within Groups	93	723450.2247	7779.0347		
Total	96	758642.3372			

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
2.1895	3	93	.094

APPENDIX 4

ONE WAY ANOVA OF LENGTH OF Anadara granosa
FROM FOUR LOCATIONS AT NORTHERN COAST OF CENTRAL JAVA

Variable LENGTH
By Variable LOCATION

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	3	14.3133	4.7711	122.8929	.0000
Within Groups	96	3.7270	.0388		
Total	99	18.0403			

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
1.2182	3	96	.307

Variable LENGTH
By Variable LOCATION

Multiple Range Tests: Tukey-HSD test with significance level .050

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .1393 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 3.70

(*) Indicates significant differences which are shown in the lower triangle

		G r p 2	G r p 3	G r p 1	G r p 4
Mean	LOCATION	2	3	1	4
2.6628	Grp 2				
2.8222	Grp 3	*			
3.2144	Grp 1	*	*		
3.6404	Grp 4	*	*	*	

APPENDIX 5

ONE WAY ANOVA OF WIDTH OF Anadara granosa
FROM FOUR LOCATIONS AT NORTHERN COAST OF CENTRAL JAVA

Variable WIDTH
By Variable LOCATION

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	3	6.0422	2.0141	64.3838	.0000
Within Groups	96	3.0031	.0313		
Total	99	9.0453			

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
5.9449	3	96	.001

Variable WIDTH
By Variable LOCATION

Multiple Range Tests: Tukey-HSD test with significance level .050

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .1251 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 3.70

(*) Indicates significant differences which are shown in the lower triangle

Mean	LOCATION	Grp 2	Grp 3	Grp 4	Grp 1
1.8804	Grp 2				
2.2004	Grp 3	*			
2.3870	Grp 4	*	*		
2.5396	Grp 1	*	*	*	

APPENDIX 6

ONE WAY ANOVA OF FRESH WEIGHT OF Anadara granosa
FROM FOUR LOCATIONS AT NORTHERN COAST OF CENTRAL JAVA

Variable FRESH WEIGHT
By Variable LOCATION

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	3	1.4947	.4982	84.3807	.0000
Within Groups	95	.5609	.0059		
Total	98	2.0556			

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
.9507	3	95	.419

Note: Data were double sqrt transformed

Variable FRESH WEIGHT
By Variable LOCATION

Multiple Range Tests: Tukey-HSD test with significance level .050

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .0543 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 3.70

(*) Indicates significant differences which are shown in the lower triangle

Mean	LOCATION	Grp 2	Grp 3	Grp 1	Grp 4
		2	3	1	4
1.0520	Grp 2				
1.2309	Grp 3	*			
1.3052	Grp 1	*	*		
1.3847	Grp 4	*	*	*	

APPENDIX 7

ONE WAY ANOVA OF DRY WEIGHT OF Anadara granosa
FROM FOUR LOCATIONS AT NORTHERN COAST OF CENTRAL JAVA

Variable DRY WEIGHT
By Variable LOCATION

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	3	1.4637	.4879	74.9846	.0000
Within Groups	95	.6181	.0065		
Total	98	2.0818			

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
2.6265	3	95	.055

Note: Data were sqrt transformed

Variable DRY WEIGHT
By Variable LOCATION

Multiple Range Tests: Tukey-HSD test with significance level .050

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .0570 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 3.70

(*) Indicates significant differences which are shown in the lower triangle

		G G G G	
		r r r r	
		p p p p	
		2 3 1 4	
Mean	LOCATION		
.5499	Grp 2		
.7098	Grp 3	*	
.8056	Grp 1	* *	
.8745	Grp 4	* * *	

APPENDIX 8

ONE WAY ANOVA OF ZINC CONCENTRATIONS OF Anadara granosa
FROM FOUR LOCATIONS AT NORTHERN COAST OF CENTRAL JAVA

Variable ZINC
By Variable LOCATION

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	3	.0620	.0207	24.8591	.0000
Within Groups	96	.0798	.0008		
Total	99	.1417			

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
2.3625	3	96	.076

Note: Data were sqrt and log10 transformed

Variable ZINC
By Variable LOCATION

Multiple Range Tests: Tukey-HSD test with significance level .050

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .0204 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 3.70

(*) Indicates significant differences which are shown in the lower triangle

Mean	LOCATION	Grp 2	Grp 1	Grp 4	Grp 3
		2	1	4	3
.9361	Grp 2				
.9647	Grp 1	*			
.9781	Grp 4	*			
1.0052	Grp 3	*	*	*	

APPENDIX 9

ONE WAY ANOVA OF CADMIUM CONCENTRATIONS OF Anadara granosa
FROM FOUR LOCATIONS AT NORTHERN COAST OF CENTRAL JAVA

Variable CADMIUM
By Variable LOCATION

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	3	1.5834	.5278	166.8083	.0000
Within Groups	96	.3038	.0032		
Total	99	1.8872			

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
2.4277	3	96	.070

Note: Data were triple sqrt transformed

Variable CADMIUM
By Variable LOCATION

Multiple Range Tests: Tukey-HSD test with significance level .050

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .0398 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 3.70

(*) Indicates significant differences which are shown in the lower triangle

Mean	LOCATION	Grp 1	Grp 3	Grp 2	Grp 4
		1	3	2	4
1.0618	Grp 1				
1.1690	Grp 3	*			
1.2542	Grp 2	*	*		
1.4059	Grp 4	*	*	*	

APPENDIX 10

ONE WAY ANOVA OF COPPER CONCENTRATIONS OF Anadara granosa
FROM FOUR LOCATIONS AT NORTHERN COAST OF CENTRAL JAVA

Variable COPPER
By Variable LOCATION

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	3	3.2698	1.0899	16.3151	.0000
Within Groups	96	6.4134	.0668		
Total	99	9.6832			

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
2.0979	3	96	.106

Note: Data were sqrt transformed

Variable COPPER
By Variable LOCATION

Multiple Range Tests: Tukey-HSD test with significance level .050

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .1828 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 3.70

(*) Indicates significant differences which are shown in the lower triangle

		Grp 4	Grp 2	Grp 1	Grp 3
Mean	LOCATION	4	2	1	3
2.0480	Grp 4				
2.2095	Grp 2				
2.3961	Grp 1	*			
2.5236	Grp 3	*	*		

APPENDIX 11

ONE WAY ANOVA OF LEAD CONCENTRATIONS OF Anadara granosa
FROM FOUR LOCATIONS AT NORTHERN COAST OF CENTRAL JAVA

Variable LEAD
By Variable LOCATION

Analysis of Variance

Source	D.F.	Sum of Squares	Mean Squares	F Ratio	F Prob.
Between Groups	3	9.7788	3.2596	8.1471	.0001
Within Groups	86	34.4082	.4001		
Total	89	44.1870			

Levene Test for Homogeneity of Variances

Statistic	df1	df2	2-tail Sig.
12.8044	3	86	.000

Variable LEAD
By Variable LOCATION

Multiple Range Tests: Tukey-HSD test with significance level .050

The difference between two means is significant if
MEAN(J)-MEAN(I) >= .4473 * RANGE * SQRT(1/N(I) + 1/N(J))
with the following value(s) for RANGE: 3.71

(*) Indicates significant differences which are shown in the lower triangle

Mean	LOCATION	Grp 3	Grp 1	Grp 4	Grp 2
.7945	Grp 3				
.8116	Grp 1				
.8376	Grp 4				
1.6080	Grp 2	*	*	*	

APPENDIX 12

PEARSON CORRELATION COEFFICIENTS

	LIPID	PROTEIN	GLYCOGEN	LENGTH	WIDTH	FRESHW
LIPID	1.0000	.5430	.2484	-.1915	-.0127	-.1547
	(80)	(80)	(80)	(80)	(80)	(79)
	P= .	P= .000	P= .026	P= .089	P= .911	P= .173
PROTEIN	.5430	1.0000	.4021	.0139	.0790	.0078
	(80)	(97)	(94)	(97)	(97)	(96)
	P= .000	P= .	P= .000	P= .892	P= .442	P= .940
GLYCOGEN	.2484	.4021	1.0000	-.1868	.0903	-.0226
	(80)	(94)	(97)	(97)	(97)	(96)
	P= .026	P= .000	P= .	P= .067	P= .379	P= .827
LENGTH	-.1915	.0139	-.1868	1.0000	.7008	.8533
	(80)	(97)	(97)	(100)	(100)	(99)
	P= .089	P= .892	P= .067	P= .	P= .000	P= .000
WIDTH	-.0127	.0790	.0903	.7008	1.0000	.8105
	(80)	(97)	(97)	(100)	(100)	(99)
	P= .911	P= .442	P= .379	P= .000	P= .	P= .000
FRESHW	-.1547	.0078	-.0226	.8533	.8105	1.0000
	(79)	(96)	(96)	(99)	(99)	(99)
	P= .173	P= .940	P= .827	P= .000	P= .000	P= .
DRYW	-.1265	.0509	-.0138	.8409	.7972	.9588
	(79)	(96)	(96)	(99)	(99)	(99)
	P= .267	P= .622	P= .894	P= .000	P= .000	P= .000
ZINC	-.0962	.1278	-.0733	.1241	.1978	.2808
	(80)	(97)	(97)	(100)	(100)	(99)
	P= .396	P= .212	P= .475	P= .219	P= .049	P= .005
CADMIUM	-.4139	-.1552	-.1105	.3781	-.1465	.1415
	(80)	(97)	(97)	(100)	(100)	(99)
	P= .000	P= .129	P= .281	P= .000	P= .146	P= .162
COPPER	.2116	-.0341	-.1012	-.2605	-.0117	-.0800
	(80)	(97)	(97)	(100)	(100)	(99)
	P= .060	P= .740	P= .324	P= .009	P= .908	P= .431
LEAD	-.0076	-.0549	.0231	-.2156	-.4094	-.3572
	(72)	(87)	(87)	(90)	(90)	(89)
	P= .949	P= .614	P= .832	P= .041	P= .000	P= .001

(Coefficient / (Cases) / 2-tailed Significance)

" . " is printed if a coefficient cannot be computed

PEARSON CORRELATION COEFFICIENTS (cont.

	DRYW	ZINC	CADMIUM	COPPER	LEAD
TRLIP1	-.1265	-.0962	-.4139	.2116	-.0076
	(79)	(80)	(80)	(80)	(72)
	P= .267	P= .396	P= .000	P= .060	P= .949
PROTEIN	.0509	.1278	-.1552	-.0341	-.0549
	(96)	(97)	(97)	(97)	(87)
	P= .622	P= .212	P= .129	P= .740	P= .614
GLYCOGEN	-.0138	-.0733	-.1105	-.1012	.0231
	(96)	(97)	(97)	(97)	(87)
	P= .894	P= .475	P= .281	P= .324	P= .832
LENGTH	.8409	.1241	.3781	-.2605	-.2156
	(99)	(100)	(100)	(100)	(90)
	P= .000	P= .219	P= .000	P= .009	P= .041
WIDTH	.7972	.1978	-.1465	-.0117	-.4094
	(99)	(100)	(100)	(100)	(90)
	P= .000	P= .049	P= .146	P= .908	P= .000
FRESHW	.9588	.2808	.1415	-.0800	-.3572
	(99)	(99)	(99)	(99)	(89)
	P= .000	P= .005	P= .162	P= .431	P= .001
DRYW	1.0000	.2142	.1126	-.1173	-.3336
	(99)	(99)	(99)	(99)	(89)
	P= .	P= .033	P= .267	P= .248	P= .001
ZINC	.2142	1.0000	.0100	.3593	-.2409
	(99)	(100)	(100)	(100)	(90)
	P= .033	P= .	P= .921	P= .000	P= .022
CADMIUM	.1126	.0100	1.0000	-.4290	.0949
	(99)	(100)	(100)	(100)	(90)
	P= .267	P= .921	P= .	P= .000	P= .374
COPPER	-.1173	.3593	-.4290	1.0000	-.0691
	(99)	(100)	(100)	(100)	(90)
	P= .248	P= .000	P= .000	P= .	P= .518
LEAD	-.3336	-.2409	.0949	-.0691	1.0000
	(89)	(90)	(90)	(90)	(90)
	P= .001	P= .022	P= .374	P= .518	P= .

(Coefficient / (Cases) / 2-tailed Significance)

" . " is printed if a coefficient cannot be computed

APPENDIX 13

JURUSAN TEKNOLOGI PANGAN
FAKULTAS TEKNOLOGI PERTANIAN
UNIKA SOEGIJAPRANATA
SEMARANG

Tujuan penelitian ini adalah mengetahui tingkat konsumsi kerang (*Anadara* sp.) pada masyarakat Semarang. Kuesioner ini digunakan sebagai alat pengumpulan data dalam memperoleh informasi tersebut. Dengan mengisi kuesioner ini maka Anda telah membantu dalam penyelesaian skripsi.

KUESIONER

1. Apakah Anda suka mengkonsumsi kerang ?
- a. Ya [ ]
- b. Tidak [ ]

2. Sejauh mana Anda menyukai kerang ?
- a. Sangat suka [ ]
- b. Suka [ ]
- c. Biasa saja (cukup) [ ]

3. Menu kerang yang biasa Anda makan (bisa lebih dari 1 jawaban) ?
- a. Kerang rebus [ ]
- b. Kerang goreng [ ]
- c. Sate kerang [ ]
- d. Lainnya, sebutkan .....

4. Berapa kali kira-kira Anda makan kerang dalam 1 bulan ?

..... kali.

5. Berapa ekor kira-kira Anda makan kerang setiap kali pembelian ?
- a. Kurang dari 4 ekor [ ]
- b. 5 – 6 ekor [ ]
- c. 7 – 12 ekor [ ]
- d. Lebih dari 12 ekor, sebutkan .....

ASUMSI : 1 tusuk sate kerang : 5 – 6 ekor
1 porsi kerang rebus/goreng : 15 – 20 ekor

---

6. **Nama responden**:
7. **Jenis kelamin**: a. Laki-laki [ ] b. Wanita [ ]
8. **Usia**: ..... tahun
9. **Berat badan**: ..... kg
10. **Pekerjaan**:
    - a. Pegawai negeri [ ]
    - b. Pegawai swasta [ ]
    - c. Wiraswasta [ ]
    - d. Ibu rumah tangga [ ]
    - e. Pelajar [ ]

TERIMA KASIH