

Appendices

Appendix A. The Result of Students' Multiple Intelligences

Statistics

	Gender	GPA	Linguistic	Logical	Spatial	Bodily- kinesthetic	Musical	Interpersonal	Intrapersonal	Naturalist	Multiple Intelligences	
N	Valid	93	93	93	93	93	93	93	93	93	93	
	Missing	0	0	0	0	0	0	0	0	0	0	
Mean		1,66	3,4691	8,3656	8,0968	8,0645	7,8602	7,8925	8,6129	8,3871	7,8495	65,1290
Median		2,00	3,5000	8,0000	8,0000	8,0000	8,0000	8,0000	9,0000	8,0000	8,0000	67,0000
Mode		2	3,40	8,00	9,00	8,00	8,00	6,00	8,00	10,00	9,00	73,00
Std. Deviation		,478	,28228	1,84618	1,98398	1,93821	1,98139	2,16425	1,73852	1,97282	2,64142	9,76265
Variance		,228	,080	3,408	3,936	3,757	3,926	4,684	3,022	3,892	6,977	95,309
Skewness		-,667	-,274	-,227	-,026	-,130	,095	,234	-,181	,059	-,134	-,200
Std. Error of Skewness		,250	,250	,250	,250	,250	,250	,250	,250	,250	,250	,250
Kurtosis		-1,590	-,510	-,263	-,242	-,378	-,356	-,580	-,094	-,695	-1,046	,162
Std. Error of Kurtosis		,495	,495	,495	,495	,495	,495	,495	,495	,495	,495	,495
Range		1	1,21	9,00	9,00	9,00	9,00	9,00	8,00	8,00	9,00	52,00
Minimum		1	2,79	3,00	3,00	3,00	3,00	3,00	4,00	4,00	3,00	40,00
Maximum		2	4,00	12,00	12,00	12,00	12,00	12,00	12,00	12,00	12,00	92,00
Sum		154	322,63	778,00	753,00	750,00	731,00	734,00	801,00	780,00	730,00	6057,00

Appendix B. The Distributed Questionnaire

The relation of multiple intelligences with academic achievement among students of English Education Departement of Universitas Muhammadiyah Yogyakarta

Nama :

NIM :

Kelas :

IPK :

PETUNJUK:

Lengkapilah survey di bawah ini. Berilah tanda checklist (√) pada salah satu dari empat nomor di bawah ini yang mencerminkan diri anda. Angket ini dibuat hanya untuk kepentingan ilmiah dalam skripsi yang berjudul “**The relation of multiple intelligences with academic achievement among students of English Education Departement of Universitas Muhammadiyah Yogyakarta**”. Oleh sebab itu, data pribadi dan jawaban yang diperoleh dari penelitian ini akan dijaga kerahasiaannya. Terimakasih.

Keterangan pilihan jawaban:

- 1 = Pernyataan itu tidak menggambarkan Anda sama sekali.
- 2 = Pernyataan itu sangat sedikit menggambarkan Anda.
- 3 = Pernyataan itu menggambarkan Anda dengan cukup baik.
- 4 = Pernyataan itu menggambarkan Anda dengan tepat.

No.	Pernyataan	1	2	3	4
1.	Saya suka membaca berbagai macam buku.				
2.	Saya bisa dengan mudah menghitung angka langsung di kepala saya.				
3.	Saya sangat sensitif terhadap warna.				
4.	Saya menggunakan bahasa tubuh ketika berbicara dengan orang lain. (contoh bahasa tubuh: ekspresi wajah, pandangan mata, gerakan tubuh, dll)				
5.	Saya banyak mendengarkan musik.				

6.	Saya setidaknya memiliki tiga teman dekat.				
7.	Saya suka merenung.				
8.	Saya suka bertualang (misal: berkemah dan mendaki gunung) di alam bebas.				
9.	Secara mental, saya dapat melihat gambaran dari sebuah kata bahkan sebelum saya berbicara atau menuliskan kata tersebut.				
10.	Mata pelajaran eksak (Contoh: matematika, fisika, kimia, dan biologi) adalah mata pelajaran yang paling saya sukai di sekolah.				
11	Saya suka menggambar dan mencoret-coret.				
12	Saya sering menghabiskan waktu luang saya di luar rumah.				
13	Saya bisa memainkan alat musik.				
14	Teman-teman mendatangi saya untuk meminta nasihat, atau menceritakan kekhawatiran / masalah mereka kepada saya.				
15	Saya tahu betul siapa diri saya, apa bakat saya dan kekurangan saya.				
16	Saya suka mendaur ulang barang-barang.				
17	Saya suka membaca <i>tongue twister</i> . (Contoh: <i>Two witches watch two watches. Which witch watch which watch?</i>)				
18	Saya percaya bahwa hampir segala sesuatu memiliki penjelasan rasional.				
19	Saya lebih suka geometri daripada aljabar.				
20	Ide terbaik saya sering datang kepada saya saat saya melakukan aktivitas fisik. (Contoh aktivitas fisik: bepergian, jogging, dan jalan-jalan)				
21	Saya bisa menyanyi dengan baik.				
22	Saya senang berada di tengah keramaian.				

23	Saya memiliki tekad yang kuat.				
24	Saya mendukung hak asasi setiap makhluk hidup di alam.				

Appendix C. Descriptive Statistic Result for Academic Achievement

GPA

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 2,79	1	1,1	1,1	1,1
2,90	1	1,1	1,1	2,2
2,95	2	2,2	2,2	4,3
2,97	1	1,1	1,1	5,4
2,98	1	1,1	1,1	6,5
3,00	5	5,4	5,4	11,8
3,10	2	2,2	2,2	14,0
3,17	1	1,1	1,1	15,1
3,20	3	3,2	3,2	18,3
3,23	1	1,1	1,1	19,4
3,24	1	1,1	1,1	20,4
3,25	2	2,2	2,2	22,6
3,26	1	1,1	1,1	23,7
3,30	5	5,4	5,4	29,0
3,33	1	1,1	1,1	30,1
3,37	3	3,2	3,2	33,3
3,38	1	1,1	1,1	34,4
3,40	8	8,6	8,6	43,0
3,42	1	1,1	1,1	44,1
3,45	1	1,1	1,1	45,2
3,46	1	1,1	1,1	46,2
3,48	1	1,1	1,1	47,3
3,49	2	2,2	2,2	49,5
3,50	4	4,3	4,3	53,8
3,51	3	3,2	3,2	57,0
3,52	1	1,1	1,1	58,1
3,55	1	1,1	1,1	59,1
3,57	2	2,2	2,2	61,3
3,58	2	2,2	2,2	63,4
3,59	1	1,1	1,1	64,5
3,60	2	2,2	2,2	66,7
3,61	1	1,1	1,1	67,7
3,62	2	2,2	2,2	69,9
3,63	1	1,1	1,1	71,0
3,65	1	1,1	1,1	72,0
3,66	3	3,2	3,2	75,3
3,68	1	1,1	1,1	76,3
3,69	1	1,1	1,1	77,4
3,70	5	5,4	5,4	82,8
3,73	1	1,1	1,1	83,9
3,76	1	1,1	1,1	84,9
3,80	1	1,1	1,1	86,0
3,83	2	2,2	2,2	88,2
3,84	1	1,1	1,1	89,2
3,87	4	4,3	4,3	93,5
3,90	2	2,2	2,2	95,7
3,91	1	1,1	1,1	96,8
3,95	1	1,1	1,1	97,8
3,98	1	1,1	1,1	98,9
4,00	1	1,1	1,1	100,0
Total	93	100,0	100,0	

Appendix D. The Correlation between Multiple Intelligences and Students' Academic Achievement

Correlations

		GPA	Multiple Intelligences
GPA	Pearson Correlation	1	,429**
	Sig. (2-tailed)		,000
	N	93	93
Multiple Intelligences	Pearson Correlation	,429**	1
	Sig. (2-tailed)	,000	
	N	93	93

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

Appendix E. The Data of Students' Academic Achievement

No	Grade Point Average (GPA)	No	Grade Point Average (GPA)
1	3.70	51	3.46
2	3.83	52	3.66
3	3.52	53	3.51
4	3.90	54	3.70
5	4.00	55	3.30
6	3.69	56	3.91
7	3.37	57	3.30
8	3.87	58	3.30
9	3.57	59	3.66
10	3.68	60	3.00
11	3.37	61	3.38
12	2.95	62	2.90
13	3.98	63	3.42
14	3.30	64	3.50
15	3.37	65	3.87
16	3.65	66	3.25
17	3.61	67	3.80
18	2.98	68	3.50
19	2.95	69	3.40
20	3.95	70	3.83
21	3.73	71	3.76
22	3.26	72	3.58
23	3.58	73	3.40
24	3.20	74	3.25
25	3.87	75	3.62
26	3.30	76	3.24
27	3.40	77	3.17
28	3.10	78	3.66
29	3.00	79	3.87
30	3.59	80	3.49
31	3.40	81	3.00
32	3.70	82	3.40
33	3.33	83	3.90
34	3.00	84	3.70
35	3.57	85	3.49

36	3.20	86	3.51
37	3.23	87	3.63
38	3.40	88	3.60
39	2.79	89	3.62
40	3.10	90	3.40
41	3.50	91	3.70
42	3.00	92	3.84
43	3.45	93	3.02
44	3.51		
45	3.50		
46	2.97		
47	3.55		
48	3.40		
49	3.48		
50	3.60		

Appendix F. Critical Values for Pearson's Correlation Coefficient (*r* Table)

Critical Values for Pearson's Correlation Coefficient						
DF	Proportion in ONE Tail					
	.25	.10	Proportion in TWO Tails			
	.50	.20	.10	.05	.02	.01
1	.7071	.9511	.9877	.9969	.9995	.9999
2	.5000	.8000	.9000	.9500	.9800	.9900
3	.4040	.6870	.8054	.8783	.9343	.9587
4	.3473	.6084	.7293	.8114	.8822	.9172
5	.3091	.5509	.6694	.7545	.8329	.8745
6	.2811	.5067	.6215	.7067	.7887	.8343
7	.2596	.4716	.5822	.6664	.7498	.7977
8	.2423	.4428	.5494	.6319	.7155	.7646
9	.2281	.4187	.5214	.6021	.6851	.7348
10	.2161	.3981	.4973	.5760	.6581	.7079
11	.2058	.3802	.4762	.5529	.6339	.6835
12	.1968	.3646	.4575	.5324	.6120	.6614
13	.1890	.3507	.4409	.5140	.5923	.6411
14	.1820	.3383	.4259	.4973	.5742	.6226
15	.1757	.3271	.4124	.4821	.5577	.6055
16	.1700	.3170	.4000	.4683	.5425	.5897
17	.1649	.3077	.3887	.4555	.5285	.5751
18	.1602	.2992	.3783	.4438	.5155	.5614
19	.1558	.2914	.3687	.4329	.5034	.5487
20	.1518	.2841	.3598	.4227	.4921	.5368
21	.1481	.2774	.3515	.4132	.4815	.5256
22	.1447	.2711	.3438	.4044	.4716	.5151
23	.1415	.2653	.3365	.3961	.4622	.5052
24	.1384	.2598	.3297	.3882	.4534	.4958
25	.1356	.2546	.3233	.3809	.4451	.4869
26	.1330	.2497	.3172	.3739	.4372	.4785
27	.1305	.2451	.3115	.3673	.4297	.4705
28	.1281	.2407	.3061	.3610	.4226	.4629
29	.1258	.2366	.3009	.3550	.4158	.4556
30	.1237	.2327	.2960	.3494	.4093	.4487
31	.1217	.2289	.2913	.3440	.4032	.4421
32	.1197	.2254	.2869	.3388	.3972	.4357
33	.1179	.2220	.2826	.3338	.3916	.4296
34	.1161	.2187	.2785	.3291	.3862	.4238
35	.1144	.2156	.2746	.3246	.3810	.4182
36	.1128	.2126	.2709	.3202	.3760	.4128
37	.1113	.2097	.2673	.3160	.3712	.4076
38	.1098	.2070	.2638	.3120	.3665	.4026
39	.1084	.2043	.2605	.3081	.3621	.3978
40	.1070	.2018	.2573	.3044	.3578	.3932
41	.1057	.1993	.2542	.3008	.3536	.3887
42	.1044	.1970	.2512	.2973	.3496	.3843
43	.1032	.1947	.2483	.2940	.3457	.3801
44	.1020	.1925	.2455	.2907	.3420	.3761
45	.1008	.1903	.2429	.2876	.3384	.3721
46	.0997	.1883	.2403	.2845	.3348	.3683
47	.0987	.1863	.2377	.2816	.3314	.3646
48	.0976	.1843	.2353	.2787	.3281	.3610
49	.0966	.1825	.2329	.2759	.3249	.3575
50	.0956	.1806	.2306	.2732	.3218	.3542

Critical Values for Pearson's Correlation Coefficient

DF	Proportion in ONE Tail					
	.25	.10	.05	.025	.01	.005
	Proportion in TWO Tails					
	.50	.20	.10	.05	.02	.01
51	.0947	.1789	.2284	.2706	.3188	.3509
52	.0938	.1772	.2262	.2681	.3158	.3477
53	.0929	.1755	.2241	.2656	.3129	.3445
54	.0920	.1739	.2221	.2632	.3102	.3415
55	.0912	.1723	.2201	.2609	.3074	.3385
56	.0904	.1708	.2181	.2586	.3048	.3357
57	.0896	.1693	.2162	.2564	.3022	.3328
58	.0888	.1678	.2144	.2542	.2997	.3301
59	.0880	.1664	.2126	.2521	.2972	.3274
60	.0873	.1650	.2108	.2500	.2948	.3248
61	.0866	.1636	.2091	.2480	.2925	.3223
62	.0858	.1623	.2075	.2461	.2902	.3198
63	.0852	.1610	.2058	.2441	.2880	.3173
64	.0845	.1598	.2042	.2423	.2858	.3150
65	.0838	.1586	.2027	.2404	.2837	.3126
66	.0832	.1574	.2012	.2387	.2816	.3104
67	.0826	.1562	.1997	.2369	.2796	.3081
68	.0820	.1550	.1982	.2352	.2776	.3060
69	.0814	.1539	.1968	.2335	.2756	.3038
70	.0808	.1528	.1954	.2319	.2737	.3017
71	.0802	.1517	.1940	.2303	.2718	.2997
72	.0796	.1507	.1927	.2287	.2700	.2977
73	.0791	.1497	.1914	.2272	.2682	.2957
74	.0786	.1486	.1901	.2257	.2664	.2938
75	.0780	.1477	.1888	.2242	.2647	.2919
76	.0775	.1467	.1876	.2227	.2630	.2900
77	.0770	.1457	.1864	.2213	.2613	.2882
78	.0765	.1448	.1852	.2199	.2597	.2864
79	.0760	.1439	.1841	.2185	.2581	.2847
80	.0755	.1430	.1829	.2172	.2565	.2830
81	.0751	.1421	.1818	.2159	.2550	.2813
82	.0746	.1412	.1807	.2146	.2535	.2796
83	.0742	.1404	.1796	.2133	.2520	.2780
84	.0737	.1396	.1786	.2120	.2505	.2764
85	.0733	.1387	.1775	.2108	.2491	.2748
86	.0728	.1379	.1765	.2096	.2477	.2732
87	.0724	.1371	.1755	.2084	.2463	.2717
88	.0720	.1364	.1745	.2072	.2449	.2702
89	.0716	.1356	.1735	.2061	.2435	.2687
90	.0712	.1348	.1726	.2050	.2422	.2673
91	.0708	.1341	.1716	.2039	.2409	.2659
92	.0704	.1334	.1707	.2028	.2396	.2645
93	.0700	.1327	.1698	.2017	.2384	.2631
94	.0697	.1320	.1689	.2006	.2371	.2617
95	.0693	.1313	.1680	.1996	.2359	.2604
96	.0689	.1306	.1671	.1986	.2347	.2591
97	.0686	.1299	.1663	.1975	.2335	.2578
98	.0682	.1292	.1654	.1966	.2324	.2565
99	.0679	.1286	.1646	.1956	.2312	.2552
100	.0675	.1279	.1638	.1946	.2301	.2540