Appendices VII

Data Analysis

Appendix VII.1.

Table 6.7.1: Multiple Linear Regression of AP1-10 Subjects' Age , Age of Commencing Piano Playing, Duration of Playing Piano, Latest Piano Grades, Time for Practising Piano and Frequency of Using AP in Music Activities

Correlation Matrix

Statistics	Variables	AP Achievement	Age	Age of Commencing Piano at MusH	Duration of Playing Piano	Latest Piano Grade	Time for Practising Piano	Frequency of Using AP in Activities
Pearson correlation	AP Achievement	1.000	.157	-.175	.601	.702	.437	.693
	Age	.157	1.000	.833	.494	.494	.217	.281
	Age of Commencing Piano at MusH	-.175	.833	1.000	-.036	.085	.088	-.094
	Duration of Playing Piano	.601	.494	-.036	1.000	.757	.256	.679
	Latest Piano Grade	.702	.494	.085	.757	1.000	.418	.755
	Time for Practising Piano	.437	.217	.088	.256	.418	1.000	.337
	Frequency of Using AP in Activities	.693	.281	-.094	.679	.755	.337	1.000
Sig. (1-tailed)	AP Achievement	.	.042	.027	.000	.000	.000	.000
	Age	.042	.	.000	.000	.000	.008	.001
	Age of Commencing Piano at MusH	.027	.000	.	.348	.176	.168	.153
	Duration of Playing Piano	.000	.000	.348	.	.000	.002	.000
	Latest Piano Grade	.000	.000	.176	.000	.	.000	.000
	Time for Practising Piano	.000	.008	.168	.002	.000	.	.000
	Frequency of Using AP in Activities	.000	.001	.153	.000	.000	.000	.
Number	AP Achievement	122	122	122	122	122	122	122
	Age	122	122	122	122	122	122	122
	Age of Commencing Piano	122	122	122	122	122	122	122
	Duration of Playing Piano	122	122	122	122	122	122	122
	Latest Piano Grade	122	122	122	122	122	122	122
	Time for Practising Piano	122	122	122	122	122	122	122
	Frequency of Using AP in Activities	122	122	122	122	122	122	122

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.794[a]	.630	.611	15.01606

a. Predictors (Constant), frequencies of using AP in all activities, age of commencing piano at MusH, time for practising piano per week, years of playing the piano, the latest piano grade and age

ANOVA[b]

Model		Sum of Squares	df	Mean Square	F	Significance
1	Regression	44224.179	6	7370.697	32.689	.000[a]
	Residual	25930.436	115	225.482	/	/
	Total	70154.615	121	/	/	/

a. Predictors (Constant), frequencies of using AP in all activities, age of commencing piano at MusH, time for practising piano per week, yearr of playing the piano, the latest piano grade and age.

b. Dependent Variable: AP achievement

Coefficients[a]

Variables	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
AP Achievement	25.893	5.163		5.015	.000
Age	-4.361	2.066	-.685	-2.111	.037
Age of Commencing Piano	2.638	1.931	.381	1.366	.175
Duration of Playing Piano	4.856	2.174	.404	2.234	.027
Latest Piano Grade	4.152	1.070	.429	3.882	.000
Time for Practising Piano	4.119	1.438	.180	2.864	.005
Frequency of Using AP	2.301	.808	.262	2.849	.005

a. Dependent Variable: AP achievement

Appendix VII.2.

Table 6.8.3.1: AP Processing of AP1-10 Subjects

Order	Processing Mechanism	AP1-4				AP5-10				AP1-10			
		N of Choices	Valid Percent	Mean	Standard Deviation	N of Choices	Valid Percent	Mean	Standard Deviation	Total N of Choices	Valid Percent	Mean	Standard Deviation
1	Associate to sol-fah names	44	51.76	29.12	11.05	61	55.45	69.19	13.46	105	53.84	52.40	23.44
2	Identify tones naturally	38	44.70	28.87	11.54	28	25.45	72.59	13.61	66	33.85	47.42	25.03
3	Associate to letter names	1	1.18	48.29	/	11	10.00	73.60	10.14	12	6.15	71.50	12.12
4	Recognize individuality	1	1.18	48.30	/	6	5.46	82.58	10.96	7	3.59	77.68	23.49
5	Associate to keyboard	0	0	0	/	2	1.82	80.97	18.88	2	1.03	80.97	18.88
5	Associate to image of stave	0	0	0	/	2	1.82	72.44	30.94	2	1.03	72.44	30.94
6	Compare to standards	1	1.18	28.41	/	0	0	0	/	1	0.51	28.41	/
7	Refer tones to compositions	0	0	0	/	0	0	0	/	0	0	0	/
7	Associate to colours	0	0	0	/	0	0	0	//	0	0	0	/
7	Associate tones to scale	0	0	0	/	0	0	0	/	0	0	0	/
7	Associate to a standard	0	0	0	/	0	0	0	/	0	0	0	/
7	Associate to throat tension	0	0	0	/	0	0	0	/	0	0	0	/
7	Associate tones to words	0	0	0	/	0	0	0	/	0	0	0	/
7	Compare to tinnitus	0	0	0	/	0	0	0	/	0	0	0	/
Total Number		85	100.00	/	/	110	100.00	/	/	195	100	/	/

Table 6.8.3.2: Frequency of AP1-10 Subjects Using

One Tonal Identification Strategy

Order	Processing Mechanism	AP1-4			AP5-10			AP1-10	
		N	Percent	Valid Percent	N	Percent	Valid Percent	N	Percent
1	sol-fah name Association (and identify tones naturally)	23	18.9	39.7	22	18.0	34.4	45	36.9
2	sol-fah name Association	19	15.6	32.8	24	19.7	37.5	43	35.3
3	Identify tones naturally	14	11.5	24.1	3	2.5	4.6	17	14.0
Total		56	46.0	96.6	49	40.2	76.5	105	86.2

Table 6.8.3.3: Frequency of AP1-10 Subjects Using

Two Tonal Identification Strategies

Order	Processing Mechanism	AP1-4			AP5-10			AP1-10	
		Number	Percent	Valid Percent	Number	Percent	Valid Percent	Number	Percent
4	Associate to sol-fah and letter names	0	0.0	0.0	6	4.9	9.3	6	4.9
6	Associate to sol-fah and letter names (and identify tones naturally)	0	0.0	0.0	1	0.8	1.6	1	0.8
6	Associate to sol-fah names and recognize tonal individuality	0	0.0	0.0	1	0.8	1.6	1	0.8
6	Associate to sol-fah names and recognize tonal individuality (and identifying tones naturally)	0	0.0	0.0	1	0.8	1.6	1	0.8
6	Associate to sol-fah names and staves	0	0.0	0.0	1	0.8	1.6	1	0.8
4	Associate to sol-fah names and many standards	1	0.8	1.6	0	0.0	0.0	1	0.8
Total		1	0.8	1.6	10	8.1	15.7	11	8.9

Table 6.8.3.4: Frequency of AP1-10 Subjects Using

Three Tonal Identification Strategies

Order	Processing Mechanism	AP1-4			AP5-10			AP1-10	
		Number	Percent	Valid Percent	Number	Percent	Valid Percent	Number	Percent
5	Associate tones to sol-fah names, and letter names, and recognize tone individuality	0	0	0	3	2.5	4.7	3	2.5
6	Associate tones to sol-fah names, letter names, and tone individuality (and identify tones without noticing how)	1	0.8	1.6	0	0	0	1	0.8
6	Associate tones to sol-fah names, keyboard, and stave (and identify tones without noticing how)	0	0	0	1	0.8	1.6	1	0.8
Total		1	0.8	1.6	4	3.3	6.3	5	4.1

Table 6.8.3.5: Frequency Analysis of AP1-10 Subjects Using

Four Tonal Identification Strategies

Order	Processing Mechanism	AP1-4			AP5-10			AP1-10	
		Number	Percent	Valid Percent	Number	Percent	Valid Percent	Number	Percent
6	Associate to sol-fah, letter names, keyboard and tonal individualities	0	0	0	1	0.8	1.6	1	0.8
Total		0	0	0	1	0.8	1.6	1	0.8

Appendix VII.3.

Table 6.8.5.1.1: Frequency of Right Notes without

Octave Errors Judgment of AP5-10 Subjects

Order	Frequency	Percent	Note Name
1	61	95.31	C_o
2	60	93.75	F_o
3	59	92.19	E_o C^1 G_o
4	58	90.63	D_o
5	55	85.94	G_1
6	53	82.81	D_1
7	52	81.25	C^2
8	50	78.13	E^1 C_1 C_2
9	49	76.56	A_2 E^2 G_2 D_2 D^1 D^3 $F\#_0/Gb_0$
10	47	73.44	A^1 E_1 E^3
11	46	71.88	A_1 G^1 C^4
12	45	70.31	F^1 B_o F_1 B_2
13	44	68.75	D^2 A^2 $A\#_1/Bb_1$ $G\#_o/Ab_o$
14	43	67.19	C^3
15	42	65.63	A_o $F\#_1/Gb_1$ F_2 G^2 A^3
16	41	64.06	E_2 $D\#^1/Eb^1$ B^1 B^3
17	40	62.50	$G\#_1/Ab_1$ G^3
18	39	60.94	B^1 $A\#_o/Bb_o$ $C\#^1/Db^1$
19	38	59.38	F^3 $F\#_2/Gb_2$ $D\#_o/Eb_o$
20	37	57.81	F^2 G_3 $D\#_1/Eb_1$ $F\#^1/Gb^1$ A_4
21	36	56.25	$D\#_2/Eb_2$ $C\#_o/Db_o$
22	35	54.69	B^2 $G\#^1/Ab^1$ $D\#^2/Eb^2$ $G\#^2/Ab^2$
23	34	53.13	A_3
24	33	51.56	$A\#^1/Bb^1$ $C\#_1/Db_1$ C_3 $A\#^3/Bb^3$
25	32	50.00	$C\#^3/Db^3$
26	31	48.44	$F\#^2/Gb^2$ $A\#_2/Bb_2$ $D\#^3/Eb^3$
27	30	46.88	$A\#^2/Bb^2$ $C\#_2/Db_2$ F^3 D^3
28	29	45.31	B_3
29	27	42.19	$G\#_2/Ab_2$ $A\#_3/Bb_3$
30	25	39.06	$C\#^2/Db^2$
31	23	35.94	$F\#^3/Gb^3$ E_3
32	21	32.81	$G\#^3/Ab^3$
33	17	26.56	$F\#_3/Gb_3$
34	16	25.00	$G\#_{3/}Ab_3$
35	13	20.31	$A\#_4/Bb_4$ B_4
36	12	18.75	$D\#_3/Eb_3$
37	10	15.63	$C\#_3/Db_3$

Table 6.8.5.2.1: Frequency of Right Notes Ignoring

Octave Errors ,Judgment of AP5-10 Subjects

Order	Frequency	Percent	Note Name
1	64	100	C_o C^1 E_o
2	63	98.44	G_o G_1 D_1 C_1 E^1 A_1 C^3
3	62	96.88	F_o C^2 C_2 A_2 A^1 G^1
4	61	95.31	D_o E^2 D_2 G_2 F^1 B_o D^2 A_o F^2
5	60	93.75	D^1 F_1 $F\#_1/Gb_1$
6	59	92.19	F_2 B^1
7	58	90.63	D^3 G^2 C^4
8	57	89.06	$F\#_o/Gb_o$ E_1 B_2 $A\#_1/Bb_1$ A^2 E_2 $A\#_o/Bb_o$
9	56	87.50	E^3
10	55	85.94	A^3 $D\#^1/Eb^1$ B^2
11	54	84.38	B_1 $G\#_1/Ab_1$
12	53	82.81	G^3
13	52	81.25	B^3
14	51	79.69	$G\#_o/Ab_o$ A_3 $A\#^1/Bb^1$
15	50	78.13	$G\#^1/Ab^1$ B_3
16	49	76.56	G_3
17	48	75.00	$C\#^1/Db^1$ $D\#_1/Eb_1$ $D\#^2/Eb^2$ $C\#^3/Db^3$
18	46	71.88	F^3 $F\#^1/Gb^1$ $A\#^2/Bb^2$
19	45	70.31	$F\#_2/Gb_2$ A_4 $D\#_2/Eb_2$ $A\#_2/Bb_2$ $F\#^2/Gb^2$ $C\#_2/Db_2$
20	44	68.75	$D\#_o/Eb_o$
21	42	65.63	$C\#_o/Db_o$ $G\#^2/Ab^2$
22	40	62.50	$C\#_1/Db_1$ C_3 $A\#^3/Bb^3$ F_3
23	38	59.38	$D\#^3/Eb^3$ $G\#_2/Ab_2$
24	37	57.81	$C\#^2/Db^2$
25	36	56.25	$A\#_3/Bb_3$
26	35	54.69	D_3
27	30	46.88	$F\#^3/Gb^3$
28	29	45.31	E_3 $G\#^3/Ab^3$
29	22	34.38	$F\#_3/Gb_3$ $G\#_3/Ab_3$
30	18	28.13	$A\#_4/Bb_4$
31	14	21.88	$D\#_3/Eb_3$
32	13	20.31	B_4
33	11	17.19	$C\#_3/Db_3$

Table 6.8.5.3.1: Frequency of Right Notes without

Octave Designation of AP5-10 Subjects

Order	Note	Range	N of Notes	Note (Frequency)	Percent
1	C	C_2-C^4	7	$C_2(62)+C_1(63)+C_o(64)+C^1(64)+C^2(62)+C^3(63)+C^4(58)=436$	97.32
2	G	G_3-G^3	7	$G_3(49)+G_2(61)+G_1(63)+G_o(63)+G^1(62)+G^2(58)+G^3(53)=409$	91.30
3	A	A_3-A^3	7	$A_3(51)+A_2(62)+A_1(63)+A_o(61)+A^1(62)+A^2(57)+A^3(55)=400$	89.29
4	D	D_3-D^3	7	$D_3(35)+D_2(61)+D_1(63)+D_o(61)+D^1(60)+D^2(61)+D^3(58)=399$	89.06
5	B	B_3-B^3	7	$B_3(56)+B_2(57)+B_1(54)+B_o(61)+B^1(59)+B^2(55)+B^3(52)=394$	87.95
6	F	F_3-F^3	7	$F_3(40)+F_2(59)+F_1(60)+F_o(62)+F^1(61)+F^2(61)+F^3(46)=389$	86.83
7	E	E_3-E^3	7	$E_3(29)+E_2(57)+E_1(57)+E_o(64)+E^1(63)+E^2(61)+E^3(56)=387$	86.38
8	A#/Bb	$A\#_3/Bb^3$	7	$A\#_3/Bb_3(36)+A\#_2/Bb_2(45)+A\#_1/Bb_1(57)+A\#_o/Bb_o(57)+A\#^1/Bb^1(51)+A\#^2/Bb^2(46)+A\#^3/Bb^3(40)=332$	74.11
9	F#/Gb	$F\#_3Gb_3$-$F\#^3/Gb^3$	7	$F\#_3/Gb_3(22)+F\#_2/Gb_2(45)+F\#_1/Gb_1(60)+F\#_oGb_o(57)+F\#^1/Gb^1(46)+F\#^2/Gb^2(45)+F\#^3/Gb^3(30)=305$	68.08
10	D#/Eb	$D\#_3/Eb_3$-$D\#^3/Eb^3$	7	$D\#_3/Eb_3((14)+D\#_2/Eb_2(45)+D\#_1/Eb_1(48)+D\#_o/Eb_o(44)+D\#^1/Eb^1(55)+D\#^2/Eb^2(48)+D\#^3/Eb^3(38)=292$	65.18
11	G#/Ab	$G\#_3/Ab_3$-$G\#^3/Ab^3$	7	$G\#_3/Ab_3(22)+G\#_2/Ab_2(38)+G\#_1/Ab_1(54)+G\#_o/Ab_o(51)+G\#^1/Ab^1(50)+G\#^2/Ab^2(42)+G\#^3/Ab^3(29)=286$	63.84
12	C#/Db	$C\#_3/Db_3$-$C\#^3/Db^3$	7	$C\#_3/Db_3(11)+C\#_2/Db_2(45)+C\#_1/Db_1(40)+C\#_o/Db_o(42)+C\#^1/Db^1(48)+C\#^2/D\#^2(37)+C\#^3/Db^3(48)=271$	60.49

Appendix VII.4.

Table 6.8.9.1: Number of Right Tone Names

with Octave Errors of AP5-10 Subjects

Number of Octave Errors	Frequency	Total Number of Octave Errors
0	5	0
1	1	1
2	3	6
3	1	3
4	1	4
6	1	6
7	1	7
8	1	8
10	4	40
11	3	33
12	1	12
13	6	78
14	2	28
15	4	60
16	4	64
17	2	34
18	1	18
19	3	57
20	3	60
21	2	42
22	3	66
23	1	23
24	1	24
25	2	50
26	2	52
28	1	28
29	1	29
31	2	62
43	1	43
47	1	47
Total	64	985

Table 6.8.9.2: Number of Right Tone Names

With Right Octave Judgments of AP5-10 Subjects

Number of Right Octave Judgments	Frequency	Total Number of Right Octave Judgments
24	1	24
28	1	28
30	1	30
32	1	32
34	3	102
35	1	35
36	4	144
38	1	38
39	1	39
41	1	41
42	1	42
43	2	86
44	3	132
46	1	46
48	1	48
49	4	196
50	1	50
52	3	156
53	2	106
54	3	162
55	1	55
57	1	57
58	1	58
59	1	59
60	1	60
61	2	122
62	3	186
63	3	189
65	3	195
66	1	66
67	2	134
68	1	68
70	1	70
76	1	76
79	1	79
82	1	82
84	1	84
85	1	85
86	1	86
88	1	88
Total	64	3436

Table 6.8.9.3: Number of Right Tone Names

with Octave Errors of AP 1-4 Subjects

Number of Octave Errors	Frequency	Total Number of Octave Errors
2	1	2
4	2	8
5	2	10
6	5	30
7	1	7
8	5	40
9	6	54
10	2	20
11	5	55
12	5	60
13	3	39
14	4	56
15	2	30
16	1	16
17	2	34
18	4	72
20	1	20
21	1	21
22	1	22
25	1	25
26	2	52
30	2	60
Total	58	733

Table 6.8.9.4: Number of Right Tone Names and

Right Octave Judgments of AP1-AP4 Subjects

Number of Right Octave Judgments	Frequency	Total Number of Right Octave Judgments
3	1	3
4	2	8
5	1	5
6	1	6
7	3	21
8	1	8
9	2	18
10	2	20
12	3	36
13	2	26
14	4	56
15	2	30
16	1	16
17	3	51
18	4	72
19	2	38
20	2	40
21	1	21
23	2	46
24	2	48
25	3	75
26	1	26
27	1	27
28	1	28
29	1	29
31	1	31
32	2	64
33	2	66
34	1	34
35	1	35
36	2	72
37	1	37
Total	58	1093

Appendix VII.5.

Table 6.10.1.1: Frequency on Value of AP

Particulars		Frequency		Percent		Valid Percent	
		Yes	No	Yes	No	Yes	No
1.	AP helps music learning	121	1	99.2	0.8	99.2	0.8
2.	Helps to identify notes	119	0	97.5	0.0	100.0	0.0
	a) identify tones in absolute sense	117	0	95.5	0.0	100.0	0.0
3.	Helps to play piano	120	0	98.4	0.0	100.0	0.0
	a) identify notes accurately	117	1	95.9	0.8	99.2	0.8
	b) identify notes fast	102	1	83.6	0.8	99.0	1.0
	c) learn a piece fast	90	5	73.8	4.1	94.7	5.3
	d)others: correct wrong notes from listening	2	0	1.6	0.0	100.0	0.0
4.	Helps to play from memory	94	0	77.0	0.0	100.0	0.0
	a) memorize scores accurately	92	0	75.4	0.0	100.0	0.0
	b) memorize scores fast	84	1	68.9	0.8	98.8	1.2
	c) others: discriminate wrong notes	4	0	3.3	0.0	100.0	0.0
5.	Helps to sight-play	66	0	54.1	0.0	100.0	0.0
	a) discriminate tones accurately	66	0	54.1	0.0	100.0	0.0
	b) identify notes fast	54	6	44.3	4.9	90.0	10.0
	c) others: identify harmonic progressions	2	0	1.6	0.0	100.0	0.0
6.	Helps to sing	112	0	91.8	0.0	100.0	0.0
	a) know melodies easily	110	0	90.2	0.0	100.0	0.0
	b) memorize scores accurately	99	2	81.1	1.6	98.0	2.0
	c) memorize scores fast	85	2	69.7	1.6	97.7	2.3
	d) follow accompaniment easily	47	2	38.5	1.6	95.9	4.1
7.	Helps to sight-sing	74	1	60.7	0.8	98.7	1.3
	a) identify notes accurately	71	1	58.2	0.8	98.6	1.4
	b) sing tones accurately	68	0	55.7	0.0	100.0	0.0
	c) others: memorize notes accurately	1	0	0.8	0.0	100.0	0.0
8.	Helps to listen to music	107	0	87.7	0.0	100.0	0.0
	a) discriminate tones accurately	103	1	84.4	0.8	99.0	1.0
	b) identify harmonic progressions accurately	70	2	57.4	1.6	97.2	2.8
	c) identify keys accurately	58	3	47.5	2.5	95.1	4.9
	d) play back music after hearing	42	11	34.4	9.0	79.2	20.8
9.	Helps to compose music	27	3	22.1	2.5	90.0	10.0
	a) sing notes accurately	25	0	20.5	0.0	100.0	0.0
	b) write notes accurately	26	0	21.3	0.0	100.0	0.0
	c) others: memorize notes correctly	1	0	0.8	0.0	100.0	0.0
10.	Helps to conduct music	23	0	18.9	0.0	100.0	0.0
	a) memorize scores accurately	23	0	18.9	0.0	100.0	0.0
	b) identify tones accurately	22	0	18.0	0.0	100.0	0.0
	c) identify tones of different parts	19	0	15.6	0.0	100.0	0.0
11.	Helps to learn theory	69	1	56.6	0.8	98.6	1.4
	a) identify notes accurately	65	2	53.3	1.6	97.0	3.0
	b) memorize notes accurately	57	0	46.7	0.0	100.0	0.0
	c) memory chord accurately	45	2	36.9	1.6	95.7	4.3
	d) memorize scales accurately	45	1	36.9	0.8	97.8	2.2
12.	Helps others: enhance attention	3	0	2.5	0.0	100.0	0.0

Appendix VII.6.

Table 6.10.2.1: Means of Relationships of AP Achievement, Piano Grades at Admittance, Duration of Playing Piano and Practising Piano in Relation to Piano Grades of AP1-10 Subjects

Latest Piano Grade		AP Score	Piano Grade at Admittance	Total Years of Playing Piano	Time for Practising Piano Per Week
Preparatory Grade	N	39	39	39	39
	% of Total N	32.0%	32.0%	32.0%	32.0%
	Mean	29.9242	Grade 0	.5128	<3 hours a week
	Std. Deviation	16.86423	/	.94233	/
	Minimum	10.23	Grade 0	<1 years	<3 hours a week
	Maximum	79.55	Preparatory Grade	5 years	5-6 hours a week
Grade 1	N	21	21	21	21
	% of Total N	17.2%	17.2%	17.2%	17.2%
	Mean	48.0249	Grade 0	.9524	3-4 hours a week
	Std. Deviation	20.02684	/	.66904	/
	Minimum	11.93	Grade 0	<1 years	<3 hours a week
	Maximum	81.25	Grade 1	2 years	5-6 hours a week
Grade 2	N	25	25	25	25
	% of Total N	20.5%	20.5%	20.5%	20.5%
	Mean	47..0682	Preparatory Grade	1.8000	3-4 hours a week
	Std. Deviation	15.36516	/	1.70783	/
	Minimum	19.32	Grade 0	<1 years	<3 hours a week
	Maximum	76.70	Grade 2	6 years	9-12 hours a week
Grade 3	N	13	13	13	13
	% of Total N	10.7%	10.7%	10.7%	10.7%
	Mean	67.5699	Grade 0	2.3846	5-6 hours a week
	Std. Deviation	12.81973	/	1.50214	/
	Minimum	46.02	Grade 0	<1 years	3-4 hours a week
	Maximum	95.45	Grade 3	4 years	9-12 hours a week
Grade 4	N	7	7	7	7
	% of Total N	5.7%	5.7%	5.7%	5.7%
	Mean	70.9416	Grade 0	3.1429	5-6 hours a week
	Std. Deviation	17.59661	/	1.77281	/
	Minimum	44.32	Grade 0	1 years	3 hours a week
	Maximum	98.30	Grade 1	4 years	7-8 hours a week

Latest Piano Grade		AP Score	Piano Grade at Admittance	Total Years of Playing Piano	Time for Practising Piano Per Week
Grade 5	N	4	4	4	4
	% of Total N	3.3%	3.3%	3.3%	3.3%
	Mean	80.1136	Grade 0	3.2500	5-6 hours a week
	Std. Deviation	2.12594	/	.5000	/
	Minimum	77.84	Grade 0	3 years	3-4 hours a week
	Maximum	82.95	Grade 1	4 years	7-8 hours a week
Grade 6	N	2	2	2	2
	% of Total N	1.6%	1.6%	1.6%	1.6%
	Mean	59.0918	Grade 1	3.000	5-6 hours a week
	Std. Deviation	12.05167	/	1.41421	/
	Minimum	50.57	Grade 0	2 years	5-6 hours a week
	Maximum	67.61	Grade 3	4 years	5-6 hours a week
Grade 7	N	2	2	2	2
	% of Total N	1.6%	1.6%	1.6%	1.6%
	Mean	83.5227	Grade 0	6.000	3-4 hours a week
	Std. Deviation	18.48120	/	2.82843	/
	Minimum	70.45	Grade 0	4 years	3-4 hours a week
	Maximum	96.59	Grade 0	8 years	5-6 hours a week
Grade 8	N	2	2	2	2
	% of Total N	1.6%	1.6%	1.6%	1.6%
	Mean	87.7841	Grade 0	5.5000	3-4 hours a week
	Std. Deviation	9.24060	/	2.12132	/
	Minimum	81.25	Grade 0	4 years	3-4 hours a week
	Maximum	94.32	Grade 0	7 years	5-6 hours a week
Diploma	N	7	7	7	2
	% of Total N	5.7%	5.7%	5.7%	5.7%
	Mean	85.4708	Grade 0	5.8571	5-6 hours a week
	Std. Deviation	8.59726	/	2.11570	/
	Minimum	73.30	Grade 0	2 years	5-6 hours a week
	Maximum	100.00	Grade 1	8 years	9-12 hours a week
Total	N	122	122	122	122
	% of Total N	100.0%	100.0%	100.0%	100.0%
	Mean	50.0559	Grade 0	1.8115	3-4 hours
	Std. Deviation	24.07883	/	2.00550	/
	Minimum	10.23	Grade 0	<1 years	<3 hours a week
	Maximum	100.00	Grade 3	8 years	9-12 hours a week