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APPENDICES

Appendix – A: Schools in Colombo Educational Zone

S_No	Name	National/ Provincial	School Type	Co_Edu/ Single Sex
1	DE LA SALLE COLLEGE	2	1	BOYS
2	MODARA ANANDA M.M.V.	2	2	MIXED
3	ST.ANTHONY'S B.M.V.	2	2	GIRLS
4	KUMARA V.	2	3	MIXED
5	MATT.ST.JOHN'S M.V.	2	3	MIXED
6	ST.LUCIA'S COLLEGE	2	3	BOYS
7	KOTAHENA PRESIDENT COLLEGE	2	3	MIXED
8	ST.ANDREW'S V.	2	3	MIXED
9	SRI MEDHANANDA V.	2	3	MIXED
10	MODARA ST.JOHN'S V.	2	3	MIXED
11	AVE MARIA V.	2	3	MIXED
12	SRI SANGHABODHI V.	2	3	MIXED
13	BLOEMENDHAL SIN.V.	2	3	MIXED
14	MAHAWATTA ST.ANTHONY'S SIN.V.	2	3	MIXED
15	ROMAN CATHOLIC B.V.	2	3	GIRLS
16	AGAMETHI V.	2	3	MIXED
17	SIR RAZIK FAREED MUS.B.V.	2	2	MIXED
18	HAMZA MUS.V.	2	2	MIXED
19	KALAIMAGAL T.V.	2	3	MIXED
20	MAHAWATTA ST.ANTHONY'S T.M.V.	2	2	MIXED
21	GOOD SHEPHERD G.M.V.	2	2	GIRLS
22	MUTWAL HINDU COLLEGE	2	2	MIXED
23	KOTAHENA METHODIST T.V.	2	3	MIXED
24	KOTAHENA M.M.V.	1	1	MIXED
25	SRI SANGARAJA M.M.V.	2	3	MIXED
26	MAHABODHI V.	2	2	BOYS
27	RAJASINGHE M.V.	2	2	BOYS
28	MIHINDU MAWATHA SIN.M.V.	2	3	MIXED
29	SIRI SARIPUTTHA M.V.	2	3	MIXED
30	VIJAYABA M.V.	2	3	MIXED
31	ST.JOSEPH'S B.M.V.	2	2	GIRLS
32	ST.JOSEPH'S BOYS V.	2	2	BOYS
33	WOLFENDHAL B.M.V.	2	2	GIRLS
34	ST.ANTHONY'S B.M.V.	2	2	GIRLS
35	CLIFTON B.M.V.	2	2	GIRLS
36	HOLY ROSARY R.C.SIN.V.	2	3	MIXED

37	VIHARAMAHA DEVI B.V.	2	3	GIRLS
38	HEMAMALI B.V.	2	2	GIRLS
39	ST.MARY'S V.	2	3	MIXED
40	JAYANTHI V.	2	3	MIXED
41	A.E.GUNASINGHA V.	2	3	MIXED
42	AL HIDHAYA V.	2	2	MIXED
43	AL IQBAL B.V.	2	3	GIRLS
44	AL NASSER V.	2	2	MIXED
45	HAMEED AL HUSSEINIE COLLAGE	1	1	BOYS
46	DHARUSSALAAM V.	2	2	MIXED
47	FATHIMA MUS.LADIES V.	2	1	GIRLS
48	KHAIRIYA MUS.B.V.	2	1	GIRLS
49	ST.SEBASTIAN T.M.V.	2	3	MIXED
50	VIVEKANANDA V.	1	1	MIXED
51	THONDAR GOVT.T.V.	2	3	MIXED
52	ST.ANNE'S GIRL'SBM.V.	2	2	GIRLS
53	ST.ANTHONY'S BOYS M.V.	2	2	BOYS
54	KANAPATHY HINDU LADIES M.V.	2	2	GIRLS
55	HOLY ROSARY T.V.	2	3	MIXED
56	COLOMBO CENTRAL HINDU M.V.	2	2	BOYS
57	DR.BADIUDDIN MAHMUD V.	2	3	MIXED
58	T.B.JAYAH ZAHIRA V.	2	2	BOYS
59	AL HIKMA V.	2	2	MIXED
60	DEVI B.V.	1	1	GIRLS
61	SUJATHA B.V.	2	3	GIRLS
62	ARETHUSA V.	2	3	BOYS
63	SRI PARAKRAMABAHU M.V.	2	2	MIXED
64	MAHAMATHYA V.	2	3	MIXED
65	SRI SADDHARMODAYA M.V.	2	3	MIXED
66	S.W.R.D.BANDARANAYAKE V.	2	3	MIXED
67	VIDYATHILAKA V.	2	3	MIXED
68	SIRIMAVO BANDARANAYAKE V.	1	1	GIRLS
69	DUDLEY SENANAYAKA V.	2	2	MIXED
70	ISIPATHANA COLLEGE	1	1	BOYS
71	LUMBINI V.	1	1	MIXED
72	MAHANAMA COLLEGE	1	1	BOYS
73	ST.PAUL'S B.V.	1	1	GIRLS
74	VISAKHA V.	1	1	GIRLS
75	ST.ANTHONY'S B.M.V.	2	2	GIRLS
76	ST.CLARE'S B.M.V.	2	1	GIRLS
77	LINDSAY B.V.	2	1	GIRLS
78	ST.MARY'S B.M.V.	2	2	GIRLS

79	ST.MICHAEL'S COLLEGE	2	3	BOYS
80	ST.MARY'S SIN.MIX.V.	2	3	MIXED
81	KUMARAUTHAYAM T.V.	2	3	MIXED
82	RAMAKRISHNA V.	2	2	MIXED
83	MUSLIM LADIES COLLEGE	1	1	GIRLS
84	HINDU COLLEGE	1	1	BOYS
85	AL AMEEN V.	2	3	MIXED
86	ST.MARY'S T.V.	2	2	MIXED
87	KOLLUPITIYA METHODIST G.T.V.	2	3	MIXED
88	RAMANATHAN HIN.LADIES COLLEGE	1	1	GIRLS
89	DEFENCE SERVICES COLLEGE	1	3	MIXED
90	ROYAL COLLEGE	1	1	BOYS
91	ANANDA COLLEGE	1	1	BOYS
92	NALANDA COLLEGE	1	1	BOYS
93	THURSTAN COLLEGE	1	1	BOYS
94	ST.MATTHEWS COLLEGE	2	2	BOYS
95	ANANDA B.V.	1	1	GIRLS
96	GOTHAMI B.V.	1	1	GIRLS
97	ST.JOHN'S COLLEGE	2	2	BOYS
98	SEEVALI M.M.V.	2	2	MIXED
99	SUSAMAYAWARDHANA V.	2	2	BOYS
100	ALL SAINTS' B.M.V.	2	2	GIRLS
101	YASODARA B.V.	2	1	GIRLS
102	PRESBYTERIAN B.V.	2	2	GIRLS
103	RATHNAWALI B.M.V.	2	2	GIRLS
104	D.S.SENANAYAKE COLLEGE	1	1	BOYS
105	ANURUDDHA B.V.	2	2	GIRLS
106	VELUWANA COLLEGE	2	1	BOYS
107	ASOKA V.	2	1	BOYS
108	C.W.W.KANNANGARA V.	2	1	MIXED
109	VIPULANANTHA T.M.V.	2	1	MIXED
110	AL HIJRA MUS.V.	2	3	MIXED

Appendix – B: Questionnaire

Q_No:

Statistical Research for the Identification of Factors Affected the Academic Results of the Students in the Co-educational Schools and the Single Sex Schools in the Colombo Educational Zone

These particulars are collected for the purpose of the above research. You are kindly requested to give answers correctly and honestly. Your answers will be confidential.

- I.** Your school : Co-Educational School Single Sex School
- II.** Sex : Male Female
- III.** Please mark in the relevant cage

1. You like more engage in group study than individual study

- 1-False 2- Slightly True 3-True 4-Totally True

2. Your friends extend cooperation to cover of missed lessons.

- 1-False 2- Slightly True 3-True 4-Totally True

3. You share knowledge you have obtained from extra classes with your friends.

- 1-False 2- Slightly True 3-True 4-Totally True

4. You are sensitive to the issues of your friends. You assists them to solve such issues.

- 1-False 2- Slightly True 3-True 4-Totally True

5. Your friends provide their assistance to solve your issues.

- 1-False 2- Slightly True 3-True 4-Totally True

6. You give answers to the questions raised by the teachers in the class room without any hesitation.

- 1-False 2- Slightly True 3-True 4-Totally True

7. When you answer the questions raised by the teachers in the classroom, you are teased by your friends.

1-False 2- Slightly True 3-True 4-Totally True

8. You are hesitant to get others' attention in the classroom.

1-False 2- Slightly True 3-True 4-Totally True

9. You have confidence in passing G.C.E (O/L) examination.

1-False 2- Slightly True 3-True 4-Totally True

10. You are satisfied in your academic activities.

1-False 2- Slightly True 3-True 4-Totally True

11. You are enthusiastic to get marks higher than others.

1-False 2- Slightly True 3-True 4-Totally True

12. You are more enthusiastic to answer the questions raised by the teachers in relate to the subjects than other students.

1-False 2- Slightly True 3-True 4-Totally True

13. You are very competitive in the functions related to the studies.

1-False 2- Slightly True 3-True 4-Totally True

14. You have got used to take alcohol and drugs.

1-False 2- Slightly True 3-True 4-Totally True

15. You are competitive in the extra-curricular activities.

1-False 2- Slightly True 3-True 4-Totally True

16. You spend more time with mobile phones.

1-False 2- Slightly True 3-True 4-Totally True

17. You spend more time in the social websites.

1-False 2- Slightly True 3-True 4-Totally True

18. You make effort to bring your friends to the correct track when they are doing wrong doings/ addicts.

1-False 2- Slightly True 3-True 4-Totally True

19. You spend your holidays and leisure times with your friends.

1-False 2- Slightly True 3-True 4-Totally True

20. There is a teacher for every subject.

1-False 2- Slightly True 3-True 4-Totally True

21. The incharge of the subject comes to the classroom in the scheduled periods.

1-False 2- Slightly True 3-True 4-Totally True

22. The teacher duly covers the subject within the given time.

1-False 2- Slightly True 3-True 4-Totally True

23. When the teacher is unable to cover the syllabus in the given time he/she gets additional time and covers it.

1-False 2- Slightly True 3-True 4-Totally True

24. There are sufficient facilities such as laboratories, libraries, and computer laboratories etc. required to the academic activities in comparison with the other school. (in comparison with the other schools in the zone)

1-False 2- Slightly True 3-True 4-Totally True

Appendix – C: Correlation Matrix

		S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12
S1	r ²	1.000	0.460	0.490	0.332	0.289	0.085	0.040	0.000	0.055	0.006	0.037	0.048
	P_Val		0.000	0.000	0.000	0.000	0.071	0.247	0.498	0.171	0.459	0.259	0.204
S2	r ²	0.460	1.000	0.450	0.454	0.469	0.022	0.000	0.053	0.043	0.033	0.045	0.011
	P_Val	0.000		0.000	0.000	0.000	0.355	0.496	0.179	0.229	0.287	0.219	0.428
S3	r ²	0.490	0.450	1.000	0.253	0.361	0.073	0.020	0.054	0.158	0.126	0.011	0.134
	P_Val	0.000	0.000		0.000	0.000	0.103	0.363	0.176	0.003	0.015	0.424	0.010
S4	r ²	0.332	0.454	0.253	1.000	0.623	0.059	0.086	0.074	0.037	0.078	0.051	0.025
	P_Val	0.000	0.000	0.000		0.000	0.155	0.068	0.099	0.262	0.089	0.192	0.332
S5	r ²	0.289	0.469	0.361	0.623	1.000	0.171	0.075	0.032	0.083	0.063	0.010	0.016
	P_Val	0.000	0.000	0.000	0.000		0.002	0.097	0.290	0.075	0.140	0.434	0.393
S6	r ²	-0.085	-0.022	0.073	0.059	0.171	1.000	0.216	0.338	0.351	0.329	0.204	0.274
	P_Val	0.071	0.355	0.103	0.155	0.002		0.000	0.000	0.000	0.000	0.000	0.000
S7	r ²	-0.040	0.000	0.020	0.086	0.075	0.216	1.000	0.281	0.266	0.112	0.116	0.048
	P_Val	0.247	0.496	0.363	0.068	0.097	0.000		0.000	0.000	0.026	0.022	0.206
S8	r ²	0.000	-0.053	0.054	0.074	0.032	0.338	0.281	1.000	0.332	0.115	0.074	0.038
	P_Val	0.498	0.179	0.176	0.099	0.290	0.000	0.000		0.000	0.023	0.101	0.256
S9	r ²	-0.055	0.043	0.158	0.037	0.083	0.351	0.266	0.332	1.000	0.502	0.338	0.400
	P_Val	0.171	0.229	0.003	0.262	0.075	0.000	0.000	0.000		0.000	0.000	0.000
S10	r ²	-0.006	0.033	0.126	0.078	0.063	0.329	0.112	0.115	0.502	1.000	0.398	0.513
	P_Val	0.459	0.287	0.015	0.089	0.140	0.000	0.026	0.023	0.000		0.000	0.000
S11	r ²	-0.037	0.045	0.011	0.051	0.010	0.204	0.116	0.074	0.338	0.398	1.000	0.650
	P_Val	0.259	0.219	0.424	0.192	0.434	0.000	0.022	0.101	0.000	0.000		0.000
S12	r ²	-0.048	0.011	0.134	0.025	0.016	0.274	0.048	0.038	0.400	0.513	0.650	1.000
	P_Val	0.204	0.428	0.010	0.332	0.393	0.000	0.206	0.256	0.000	0.000	0.000	

Cont/-

Correlation Matrix (Continued)

		S13	S14	S15	S16	S17	S18	S19	S20	S21	S22	S23	S24
S1	r ²	-	-	0.130	0.032	0.016	0.230	0.267	0.060	0.165	0.196	0.130	0.086
	P_Val	0.332	0.412	0.012	0.293	0.388	0.000	0.000	0.150	0.002	0.000	0.012	0.068
S2	r ²	0.072	-	0.100	0.062	0.048	0.211	0.205	0.204	0.143	0.135	0.130	-
	P_Val	0.107	0.272	0.042	0.140	0.202	0.000	0.000	0.000	0.007	0.010	0.012	0.484
S3	r ²	0.178	0.009	0.100	0.105	0.059	0.110	0.152	0.152	0.279	0.327	0.333	0.140
	P_Val	0.001	0.439	0.042	0.034	0.155	0.029	0.004	0.004	0.000	0.000	0.000	0.008
S4	r ²	0.037	-	0.130	0.157	0.168	0.343	0.211	0.138	0.099	0.100	0.050	0.017
	P_Val	0.264	0.120	0.012	0.003	0.002	0.000	0.000	0.009	0.044	0.041	0.192	0.387
S5	r ²	0.043	0.041	0.045	0.110	0.140	0.281	0.181	0.237	0.101	0.174	0.013	-
	P_Val	0.232	0.242	0.218	0.029	0.008	0.000	0.001	0.000	0.041	0.001	0.414	0.319
S6	r ²	0.270	-	0.024	0.227	0.203	0.051	0.115	0.114	0.146	0.209	0.177	0.204
	P_Val	0.000	0.037	0.338	0.000	0.000	0.189	0.023	0.024	0.006	0.000	0.001	0.000
S7	r ²	0.059	-	0.010	0.151	0.131	0.034	0.037	0.134	0.131	0.170	0.024	-
	P_Val	0.154	0.021	0.430	0.004	0.012	0.281	0.263	0.010	0.011	0.002	0.338	0.029
S8	r ²	0.023	-	0.060	0.159	0.100	0.062	0.020	0.007	0.028	0.116	0.083	0.142
	P_Val	0.346	0.129	0.149	0.003	0.042	0.144	0.364	0.453	0.314	0.023	0.076	0.007
S9	r ²	0.465	-	0.068	0.332	0.239	0.078	0.003	0.323	0.275	0.298	0.227	0.301
	P_Val	0.000	0.042	0.121	0.000	0.000	0.089	0.481	0.000	0.000	0.000	0.000	0.000
S10	r ²	0.447	0.048	0.043	0.305	0.249	0.124	0.081	0.253	0.258	0.173	0.136	0.182
	P_Val	0.000	0.205	0.229	0.000	0.000	0.016	0.080	0.000	0.000	0.001	0.009	0.001
S11	r ²	0.528	-	0.107	0.192	0.184	0.036	0.211	0.158	0.106	0.075	0.026	0.121
	P_Val	0.000	0.214	0.032	0.000	0.001	0.268	0.000	0.003	0.034	0.097	0.326	0.018
S12	r ²	0.723	0.064	0.166	-	0.165	0.072	-	0.202	0.270	0.269	0.252	0.190
	P_Val	0.000	0.133	0.002	0.001	0.002	0.108	0.275	0.000	0.000	0.000	0.000	0.000

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Correlation Matrix (Continued)

		S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12
S13	r ²	-	0.072	0.178	0.037	0.043	0.270	0.059	0.023	0.465	0.447	0.528	0.723
	P_Val	0.332	0.107	0.001	0.264	0.232	0.000	0.154	0.346	0.000	0.000	0.000	0.000
S14	r ²	-	-	0.009	0.068	0.041	0.104	0.118	0.065	0.100	0.048	0.046	0.064
	P_Val	0.412	0.272	0.439	0.120	0.242	0.037	0.021	0.129	0.042	0.205	0.214	0.133
S15	r ²	0.130	0.100	0.100	0.130	0.045	0.024	0.010	0.060	0.068	0.043	0.107	0.166
	P_Val	0.012	0.042	0.042	0.012	0.218	0.338	0.430	0.149	0.121	0.229	0.032	0.002
S16	r ²	-	-	0.105	0.157	0.110	0.227	0.151	0.159	0.332	0.305	0.192	0.187
	P_Val	0.293	0.140	0.034	0.003	0.029	0.000	0.004	0.003	0.000	0.000	0.000	0.001
S17	r ²	0.016	0.048	0.059	0.168	0.140	0.203	0.131	0.100	0.239	0.249	0.184	0.165
	P_Val	0.388	0.202	0.155	0.002	0.008	0.000	0.012	0.042	0.000	0.000	0.001	0.002
S18	r ²	0.230	0.211	0.110	0.343	0.281	0.051	0.034	0.062	0.078	0.124	0.036	0.072
	P_Val	0.000	0.000	0.029	0.000	0.000	0.189	0.281	0.144	0.089	0.016	0.268	0.108
S19	r ²	0.267	0.205	0.152	0.211	0.181	0.115	0.037	0.020	0.003	0.081	0.211	0.035
	P_Val	0.000	0.000	0.004	0.000	0.001	0.023	0.263	0.364	0.481	0.080	0.000	0.275
S20	r ²	0.060	0.204	0.152	0.138	0.237	0.114	0.134	0.007	0.323	0.253	0.158	0.202
	P_Val	0.150	0.000	0.004	0.009	0.000	0.024	0.010	0.453	0.000	0.000	0.003	0.000
S21	r ²	0.165	0.143	0.279	0.099	0.101	0.146	0.131	0.028	0.275	0.258	0.106	0.270
	P_Val	0.002	0.007	0.000	0.044	0.041	0.006	0.011	0.314	0.000	0.000	0.034	0.000
S22	r ²	0.196	0.135	0.327	0.100	0.174	0.209	0.170	0.116	0.298	0.173	0.075	0.269
	P_Val	0.000	0.010	0.000	0.041	0.001	0.000	0.002	0.023	0.000	0.001	0.097	0.000
S23	r ²	0.130	0.130	0.333	0.050	0.013	0.177	0.024	0.083	0.227	0.136	0.026	0.252
	P_Val	0.012	0.012	0.000	0.192	0.414	0.001	0.338	0.076	0.000	0.009	0.326	0.000
S24	r ²	0.086	0.002	0.140	0.017	0.027	0.204	0.109	0.142	0.301	0.182	0.121	0.190
	P_Val	0.068	0.484	0.008	0.387	0.319	0.000	0.029	0.007	0.000	0.001	0.018	0.000

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Correlation Matrix (Continued)

		S13	S14	S15	S16	S17	S18	S19	S20	S21	S22	S23	S24
S13	r ²	1.000	-	0.124	0.223	0.168	0.097	0.058	0.241	0.206	0.219	0.291	0.204
	P_Val		0.178	0.016	0.000	0.002	0.048	0.160	0.000	0.000	0.000	0.000	0.000
S14	r ²	0.054	1.000	-0.049	0.108	0.162	-0.088	0.137	-0.064	-	-	0.021	0.007
	P_Val	0.178		0.200	0.031	0.003	0.064	0.009	0.136	0.008	0.010	0.360	0.454
S15	r ²	0.124	0.049	1.000	0.104	0.147	0.127	0.319	0.084	0.075	0.102	0.098	0.120
	P_Val	0.016	0.200		0.037	0.005	0.014	0.000	0.072	0.098	0.039	0.044	0.019
S16	r ²	0.223	0.108	0.104	1.000	0.827	-0.173	0.133	-0.157	-	-	0.004	-
	P_Val	0.000	0.031	0.037		0.000	0.001	0.011	0.003	0.000	0.001	0.470	0.145
S17	r ²	0.168	0.162	0.147	0.827	1.000	-0.221	0.130	-0.113	-	-	0.076	-
	P_Val	0.002	0.003	0.005	0.000		0.000	0.012	0.026	0.004	0.001	0.093	0.392
S18	r ²	0.097	0.088	0.127	0.173	0.221	1.000	0.321	0.180	0.048	0.158	0.059	0.070
	P_Val	0.048	0.064	0.014	0.001	0.000		0.000	0.001	0.202	0.003	0.156	0.113
S19	r ²	0.058	0.137	0.319	0.133	0.130	0.321	1.000	0.102	0.037	0.235	0.175	0.079
	P_Val	0.160	0.009	0.000	0.011	0.012	0.000		0.039	0.260	0.000	0.001	0.087
S20	r ²	0.241	0.064	0.084	0.157	0.113	0.180	0.102	1.000	0.439	0.324	0.281	0.285
	P_Val	0.000	0.136	0.072	0.003	0.026	0.001	0.039		0.000	0.000	0.000	0.000
S21	r ²	0.206	0.138	0.075	0.192	0.151	0.048	0.037	0.439	1.000	0.611	0.478	0.380
	P_Val	0.000	0.008	0.098	0.000	0.004	0.202	0.260	0.000		0.000	0.000	0.000
S22	r ²	0.219	0.135	0.102	0.185	0.177	0.158	0.235	0.324	0.611	1.000	0.498	0.396
	P_Val	0.000	0.010	0.039	0.001	0.001	0.003	0.000	0.000	0.000		0.000	0.000
S23	r ²	0.291	0.021	0.098	0.004	0.076	-0.059	0.175	0.281	0.478	0.498	1.000	0.370
	P_Val	0.000	0.360	0.044	0.470	0.093	0.156	0.001	0.000	0.000	0.000		0.000
S24	r ²	0.204	0.007	0.120	0.061	0.016	0.070	0.079	0.285	0.380	0.396	0.370	1.000
	P_Val	0.000	0.454	0.019	0.145	0.392	0.113	0.087	0.000	0.000	0.000	0.000	