

APPENDIX C

Table I

Summary : Analysis of Variance
Arts, Science and Commerce Teachers
Cattell's 16PF FACTOR A

Source of Variation	Sum of Squares	Degrees of Freedom	Mean Square
Between Groups	454.81	2	227.41
Within Groups	2273.52	177	12.84
Total	2728.33	179	
F	17.70	Significant Beyond .01 level	

Table II

Summary : Analysis of Variance
Arts, Science and Commerce Teachers
Cattell's 16PF FACTOR B

Source of Variation	Sum of Squares	Degrees of Freedom	Mean Square
Between Groups	138.64	2	69.32
Within Groups	1278.32	177	7.22
Total	1416.95	179	
F	9.60	Significant Beyond .01 level	

Table III

Summary : Analysis of Variance
Arts, Science and Commerce Teachers
Cattell's 16PF FACTOR C

Source of Variation	Sum of Squares	Degrees of Freedom	Mean Square
Between Groups	1.73	2	0.87
Within Groups	3915.47	177	22.12
Total	3917.20	179	
F	0.04	Not significant	

Table IV

Summary : Analysis of Variance
Arts, Science and Commerce Teachers
Cattell's 16PF FACTOR E

Source of Variation	Sum of Squares	Degrees of Freedom	Mean Square
Between Groups	480.63	2	240.32
Within Groups	3643.57	177	20.59
Total	4124.20	179	
F	11.67	Significant beyond .01 level	

Table V

Summary : Analysis of Variance
Arts, Science and Commerce Teachers
Cattell's 16PF FACTOR F

Source of Variation	Sum of squares	Degrees of freedom	Mean square
Between Groups	418.74	2	209.37
Within Groups	3330.25	177	18.82
Total	3748.99	179	
F	11.13	Significant beyond .01 level	

Table VI

Summary : Analysis of Variance
Arts, Science and Commerce Teachers
Cattell's 16PF FACTOR G

Source of Variation	Sum of Squares	Degrees of Freedom	Mean Square
Between Groups	12.68	2	6.34
Within Groups	2732.19	177	15.44
Total	2744.86	179	
F	0.41	Not Significant	

Table VII

Summary : Analysis of Variance
Arts, Science and Commerce Teachers
Cattell's 16PF FACTOR H

Source of Variation	Sum of Squares	Degrees of Freedom	Mean Squares
Between Groups	8.43	2	4.21
Within Groups	3104.99	177	17.54
Total	3113.42	179	
F	0.24	Not Significant	

Table VIII

Summary : Analysis of Variance
Arts, Science and Commerce Teachers
Cattell's 16PF FACTOR I

Source of Variation	Sum of Squares	Degrees of Freedom	Mean Squares
Between Groups	736.08	2	368.04
Within Groups	2808.65	177	15.87
Total	3144.73	179	
F	23.19	Significant Beyond .01 level	

Table IX

Summary : Analysis of Variance
Arts, Science and Commerce Teachers
Cattell's 16PF FACTOR L

Source of Variation	Sum of Squares	Degrees of Freedom	Mean Square
Between Groups	16.31	2	8.15
Within Groups	2448.14	177	13.83
Total	2464.45	179	
F	0.59	Not Significant	

Table X

Summary : Analysis of Variance
Arts, Science and Commerce Teachers
Cattell's 16PF FACTOR M

Source of Variation	Sum of Squares	Degrees of Freedom	Mean Square
Between Groups	18.08	2	9.04
Within Groups	2800.65	177	15.82
Total	2818.73	179	
F	0.57	Not Significant	

Table XI

Summary : Analysis of Variance
Arts, Science and Commerce Teachers
Cattell's 16PF FACTOR N

Source of Variation	Sum of Squares	Degrees of Freedom	Mean Square
Between Groups	370.18	2	185.09
Within Groups	2959.22	177	16.72
Total	3329.40	179	
F	11.07	Significant Beyond .01 level	

Table XII

Summary : Analysis of Variance
Arts, Science and Commerce Teachers
Cattell's 16PF FACTOR O

Source of Variation	Sum of Squares	Degrees of Freedom	Mean Square
Between Groups	13.38	2	6.69
Within Groups	2490.29	177	14.07
Total	2503.66	179	
F	0.48	Not Significant	

Table XIII

Summary : Analysis of Variance
Arts, Science and Commerce Teachers
Cattell's 16PF FACTOR Q₁

Source of Variation	Sum of Squares	Degrees of Freedom	Mean Square
Between Groups	303.04	2	151.52
Within Groups	3138.72	177	17.73
Total	3441.75	179	
F	8.54	Significant Beyond .01 level	

Table XIV

Summary : Analysis of Variance
Arts, Science and Commerce Teachers
Cattell's 16PF FACTOR Q₂

Source of Variation	Sum of Squares	Degrees of Freedom	Mean Square
Between Groups	499.41	2	249.71
Within Groups	2349.99	177	13.28
Total	2849.40	179	
F	18.81	Significant Beyond .01 level	

Table XV

Summary : Analysis of Variance
Arts, Science and Commerce Teachers
Cattell's 16PF FACTOR Q₃

Source of Variation	Sum of Squares	Degrees of Freedom	Mean Square
Between Groups	22.01	2	11.00
Within Groups	3035.39	177	17.15
Total	3057.40	179	
F	0.64	Not Significant	

Table XVI

Summary : Analysis of Variance
Arts, Science and Commerce Teachers
Cattell's 16PF FACTOR Q₄

Source of Variation	Sum of Squares	Degrees of Freedom	Mean Square
Between Groups	5.34	2	2.67
Within Groups	2984.72	177	16.86
Total	2990.06	179	
F	0.16	Not Significant	

Table XVII

Summary : Analysis of Variance
Arts, Science and Commerce Teachers
SAM FACTOR I

Source of Variation	Sum of Squares	Degrees of Freedom	Mean Square
Between Groups	1.64	2	0.82
Within Groups	462.68	177	2.61
Total	464.33	179	
F	0.31	Not Significant	

Table XVIII

Summary : Analysis of Variance
Arts, Science and Commerce Teachers
SAM FACTOR II

Source of Variation	Sum of Squares	Degrees of Freedom	Mean Square
Between Groups	7.50	2	3.75
Within Groups	337.50	177	1.90
Total	345.00	179	
F	1.97	Not Significant	

Table XIX

Summary : Analysis of Variance
Arts, Science and Commerce Teachers
SAM FACTOR III

Source of Variation	Sum of Squares	Degrees of Freedom	Mean Square
Between Groups	10.23	2	5.12
Within Groups	822.57	177	4.65
Total	832.80	179	
F	1.10	Not Significant	

Table XX

Summary : Analysis of Variance
Arts, Science and Commerce Teachers
SAM FACTOR IV

Source of Variation	Sum of Squares	Degrees of Freedom	Mean Square
Between Groups	82.48	2	41.24
Within Groups	895.85	177	5.06
Total	978.33	179	
F	8.15	Significant Beyond .01 level	

Table XXI

Summary : Analysis of Variance
Arts, Science and Commerce Teachers
SAM FACTOR V

Source of Variation	Sum of Squares	Degrees of Freedom	Mean Square
Between Groups	15.74	2	7.87
Within Groups	417.37	177	2.36
Total	433.11	179	
F	3.34	Significant Beyond .05 level	

Table XXII

Summary : Analysis of Variance
Arts, Science and Commerce Teachers
SAM FACTOR VI

Source of Variation	Sum of Squares	Degrees of Freedom	Mean Square
Between Groups	24.23	2	12.12
Within Groups	283.57	177	1.60
Total	307.80	179	
F	7.56	Significant Beyond .01 level	

Table XXIII

Summary : Analysis of Variance
Arts, Science and Commerce Teachers
SAM TOTAL

Source of Variation	Sum of Squares	Degrees of Freedom	Mean Square
Between Groups	7.07	2	3.54
Within Groups	3356.30	177	18.96
Total	3363.38	179	
F	0.19	Not Significant	

Table XXIV

Summary : Analysis of Variance
Arts, Science and Commerce Teachers
MTAI

Source of Variation	Sum of Squares	Degrees of Freedom	Mean Square
Between Groups	169.69	2	84.84
Within Groups	39501.31	177	223.17
Total	39671.00	179	
F	0.38	Not Significant	