

APPENDIX E

Table XLIX

Means, Standard Deviations, t ratios of Inservice
Science Teachers and Inservice Commerce Teachers
on 16PF

Factor	Science Teachers (N = 60)		Commerce Teachers (N = 60)		F	t
	Mean	S.D.	Mean	S.D.		
A	10.37	3.39	13.49	3.30	1.05	5.12
B	8.70	2.34	7.35	2.54	1.17	0.91
C	15.29	4.34	15.50	4.91	1.27	0.26
E	14.59	4.54	13.99	4.64	1.04	0.71
F	10.00	4.10	12.95	4.16	1.03	3.88
G	11.05	3.77	11.45	3.86	1.05	0.57
H	16.00	4.13	16.45	3.97	1.08 ✓	0.61
I	8.35	3.84	9.50	4.08	1.13	1.60
L	8.55	3.82	8.85	3.65	1.10	0.44
M	10.75	3.61	11.50	4.15	1.32	1.06
N	12.60	3.44	12.20	3.59	1.09	0.63
O	9.95	3.69	10.60	3.59	1.06	0.97
Q ₁	12.25	3.53	9.80	4.45	1.59	3.31
Q ₂	12.67	3.72	9.07	3.32	1.25	5.63
Q ₃	10.51	4.10	11.05	4.00	1.05	0.73
Q ₄	11.23	4.00	11.65	4.32	1.17	0.55

Table I

Means, Standard Deviations, and t ratios of Inservice
Science Teachers and Inservice Arts Teachers on 16PF

Factor	Science Teachers (N = 60)		Arts Teachers (N = 60)		F	t
	Mean	S.D.	Mean	S.D.		
A	10.37	3.39	13.76	3.32	1.04	5.55
B	8.70	2.34	6.60	2.61	1.24	4.67
C	15.29	4.34	15.43	4.43	1.04	0.34
E	14.59	4.54	10.85	4.39	1.07	4.56
F	10.00	4.10	13.42	4.61	1.26	4.28
G	11.05	3.77	10.70	3.80	1.02	0.50
H	16.00	4.13	16.40	3.98	1.08	0.54
I	8.35	3.84	11.21	3.70	1.08	4.14
L	8.55	3.82	8.15	3.61	1.12	0.59
M	10.75	3.61	10.85	3.92	1.18	0.14
N	12.60	3.44	9.40	3.54	1.06	5.00
O	9.95	3.69	10.45	3.59	1.06	0.75
Q ₁	12.25	3.53	10.06	4.00	1.28	3.17
Q ₂	12.67	3.72	9.19	3.55	1.10	5.19
Q ₃	10.51	4.10	10.15	3.89	1.11	0.49
Q ₄	11.23	4.00	11.77	3.89	1.06	0.75

Table II

Means, Standard Deviations, and t ratios of Inservice
Commerce Teachers and Inservice Arts Teachers on 16PF

Factor	Commerce Teachers (N = 60)		Arts Teachers (N = 60)		F	t
	Mean	S.D.	Mean	S.D.		
A	13.49	3.30	13.76	3.32	1.01	0.45
B	7.35	2.54	6.60	2.61	1.06	1.63
C	15.50	4.91	15.56	4.43	1.23	0.07
E	13.99	4.64	10.85	4.39	1.12	3.78
F	12.95	4.16	13.42	4.61	1.23	0.59
G	11.45	3.86	10.70	3.80	1.03	1.07
H	16.45	3.97	16.40	3.98	1.00	0.07
I	9.50	4.08	11.21	3.70	1.22	2.41
L	8.85	3.65	8.15	3.61	1.02	1.04
M	11.50	4.15	10.84	3.92	1.12	0.88
N	12.20	3.59	9.40	3.54	1.03	4.30
O	10.60	3.59	10.45	3.59	1.00	0.23
Q ₁	9.80	4.45	10.06	4.00	1.28	0.33
Q ₂	9.07	3.32	9.19	3.55	1.14	0.19
Q ₃	11.05	4.00	10.15	3.89	1.06	1.25
Q ₄	11.65	4.32	11.77	3.89	1.23	0.16

Table LII

Means, Standard Deviations and t ratios of Science
Student Teachers and Arts Student Teachers on 16PT

Factor	Science Students (N = 60)		Arts Students (N = 60)		F	t
	Mean	S.D.	Mean	S.D.		
A	9.65	3.30	12.20	3.72	1.27	3.98
B	6.75	3.23	6.06	2.47	1.71	1.33
C	13.04	4.46	11.78	4.31	1.07	1.58
E	15.31	4.53	14.71	4.21	1.16	0.75
F	12.87	3.50	14.20	3.92	1.25	1.96
G	10.40	4.51	10.95	4.70	1.09	0.65
H	15.70	4.80	13.35	4.13	1.35	2.87
I	10.65	3.99	9.80	3.88		
L	9.50	4.56	11.99	3.45	1.75	3.36
M	9.45	3.64	11.90	4.13	1.29	3.45
N	10.15	4.88	9.01	3.95	1.53	1.41
O	14.39	4.97	14.45	5.91	1.41	0.06
Q ₁	12.15	4.11	9.94	3.69	1.24	3.07
Q ₂	12.25	3.66	10.40	3.93	1.15	2.64
Q ₃	11.05	4.01	9.93	4.19	1.09	1.48
Q ₄	13.75	4.35	14.14	4.99	1.32	0.45

Table LIII

Means, Standard Deviations and t ratios of Science
Student Teachers and Commerce Student Teachers on 16PF

Factor	Science Students (N = 60)		Commerce Students (N = 60)		F	t
	Mean	S.D.	Mean	S.D.		
A	9.65	3.30	13.01	3.82	1.34	5.69
B	6.75	3.23	6.45	2.62	1.52	0.74
C	13.04	4.46	14.06	4.31	1.07	1.28
E	15.31	4.53	15.95	4.64	1.05	0.76
F	12.87	3.50	13.13	4.09	1.36	0.37
G	10.40	4.51	11.15	3.49	1.59	1.01
H	15.70	4.80	15.94	3.53	1.85	0.31
I	10.65	3.99	9.35	3.53	1.28	1.88
L	9.50	4.56	9.56	3.89	1.37	0.08
M	9.45	3.64	10.40	3.70	1.03	1.42
N	10.15	4.88	9.75	4.19	1.36	0.48
O	14.39	4.97	13.84	4.88	1.04	0.61
Q ₁	12.15	4.11	11.14	4.59	1.25	1.26
Q ₂	12.25	5.66	11.45	3.61	1.03	1.27
Q ₃	11.05	4.01	11.11	4.35	1.18	0.08
Q ₄	13.75	4.35	13.90	4.39	1.02	0.19

Table LIV

Means, Standard Deviations and t ratios of Arts
Student Teachers and Commerce Student Teachers on 16PF

Factor	Arts Students (N = 60)		Commerce Students (N = 60)		F	t
	Mean	S.D.	Mean	S.D.		
A	12.20	3.72	13.01	3.82	1.05	1.17
B	6.06	2.47	6.45	2.62	1.12	0.83
C	11.78	4.31	14.06	4.31	1.00	2.89
E	14.71	4.21	15.95	4.64	1.21	1.51
F	14.20	3.92	13.13	4.09	1.09	1.47
G	10.95	4.70	11.15	3.49	1.81	0.26
H	13.35	4.13	15.94	3.53	1.37	3.65
I	9.80	3.88	9.35	3.53		
L	11.99	3.45	9.56	3.89	1.27	3.57
M	11.90	4.13	10.40	3.70	1.25	2.08
N	9.01	3.95	9.75	4.19	1.13	0.99
O	14.45	5.91	13.84	4.88	1.47	0.62
Q ₁	9.94	3.69	11.14	4.59	1.55	1.56
Q ₂	10.40	3.93	11.45	3.61	1.18	1.52
Q ₃	9.94	4.19	11.11	4.35	1.08	1.48
Q ₄	14.14	4.99	13.90	4.39	1.29	0.28

Table LV

Means, Standard Deviations and t ratios of Inservice
Science Teachers and Science Student Teachers on 16PF

Factor	Science Teachers (N = 60)		Science Students (N = 60)		F	t
	Mean	S.D.	Mean	S.D.		
A	10.37	3.39	9.96	3.30	1.06	1.18
B	8.70	2.34	6.75	3.23	1.91	3.82
C	15.29	4.34	13.04	4.46	1.06	2.78
E	14.59	4.54	15.31	4.53	1.00	0.86
F	10.00	4.10	12.87	5.50	1.37	4.10
G	11.05	3.77	10.40	4.51	1.43	0.84
H	16.00	4.13	15.70	4.80	1.35	0.37
I	8.35	3.84	10.65	3.99	1.08	3.19
L	8.55	3.82	9.50	4.56	1.42	1.23
M	10.75	3.61	9.45	3.64	1.02	1.94
N	12.60	3.44	10.15	4.88	1.01	3.18
O	9.95	3.69	14.39	4.97	1.81	5.44
Q ₁	12.25	3.55	12.15	4.11	1.36	0.14
Q ₂	12.67	3.72	12.25	3.66	1.03	0.62
Q ₃	10.51	4.10	11.05	4.01	1.05	0.72
Q ₄	11.23	4.00	13.75	4.35	1.18	3.27

Table LVI

Means, Standard Deviations and $\pm$ ratios of Inservice
Arts Teachers and Arts Student Teachers on 16PF

Factor	Arts Teachers (N = 60)		Arts Students (N = 60)		F	$\pm$
	Mean	S.D.	Mean	S.D.		
A	13.76	3.32	12.20	3.72	1.25	2.40
B	6.60	2.61	6.06	2.47	1.12	1.15
C	15.56	4.43	11.78	4.31	1.06	4.67
E	10.85	4.39	14.71	4.21	1.09	4.89
F	13.42	4.61	14.20	3.92	1.38	0.99
G	10.70	3.80	10.95	4.70	1.53	0.32
H	16.40	3.98	13.35	4.13	1.08	4.07
I	11.21	3.70	13.40	2.62	1.05	3.27
L	8.15	3.61	11.99	3.45	1.09	5.91
M	10.85	3.92	11.90	4.13	1.11	1.42
N	9.40	3.54	9.01	3.95	1.25	0.57
O	10.45	3.59	14.45	5.91	1.71	4.44
Q ₁	10.06	4.00	9.94	3.69	1.18	0.17
Q ₂	9.19	3.55	10.40	3.93	1.23	1.75
Q ₃	10.15	3.89	9.94	4.19	1.16	0.28
Q ₄	11.77	3.89	14.14	4.99	1.65	2.89

Table LVII

Means, Standard Deviations and t ratios of Inservice
Commerce Teachers and Commerce Student Teachers on 16PF

Factor	Commerce Teachers (N = 60)		Commerce Students (N = 60)		F	t
	Mean	S.D.	Mean	S.D.		
A	13.49	3.30	13.01	3.82	1.34	0.37
B	7.35	2.54	6.45	2.62	1.14	2.11
C	15.50	4.91	14.06	4.31	1.30	1.69
E	13.99	4.64	15.95	4.64	1.00	2.31
F	12.95	4.16	13.13	4.09	1.03	0.24
G	11.45	3.86	11.15	3.49	1.22	0.44
H	16.45	3.97	15.94	3.53	1.26	0.74
I	9.50	4.08	9.35	3.53	1.34	0.21
L	8.85	3.65	9.56	3.89	1.14	1.03
M	11.50	4.15	10.40	3.70	1.26	1.53
N	12.20	3.59	9.75	4.19	1.36	3.40
O	10.60	3.59	13.84	4.88	1.85	4.10
Q ₁	9.80	4.45	11.14	4.59	1.06	1.61
Q ₂	9.07	3.32	11.45	3.61	1.18	3.72
Q ₃	11.05	4.00	11.11	4.35	1.18	0.08
Q ₄	11.65	4.32	13.90	4.39	1.03	2.81