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⑥ Fighter: A Study of Effective and Ineffective Combat Performers.

APPENDICES.

APPENDICES

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U. S. Army Leadership Human Research Unit
Fort Ord, California

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APPENDIX A

Results of Questionnaire-type Personality Tests for Total, White, and Negro Samples

Variable	Total Group					Native Whites					Negroes				
	N	M	σ	t	P	N	M	σ	t	P	N	M	σ	t	P
01 CALIFORNIA PSYCHOLOGICAL INVENTORY															
01 Academic Achievement	162	21.49	6.04	1.59		130	21.76	6.04			18	21.83	5.88		
(Achievement via Conformance) ¹	138	20.46	5.04			66	20.95	4.89	1.01		62	19.73	5.26	1.37	
02 Delinquency	162		6.81	2.93	.05	130	20.12	6.46			18	22.44	8.25	0.46	
(Socialization)*	138		6.22			66	20.73	7.03	0.59		62	23.39	4.61		
03 Dissimulation	162	11.27	7.55	4.37	.001	130	10.48	7.43			18	14.50	8.14	1.52	
(Sense of Well-Being)*	138	14.96	7.01			66	12.74	6.76	2.14	.05	62	17.68	6.48		
04 Dominance	162	23.78	5.94	1.25		130	23.98	5.88			18	22.22	6.69	1.24	
05 Femininity	138	22.97	5.29			66	21.76	5.60	2.58	.01	62	24.29	4.43		
06 Flexibility	162	16.44	3.66	5.00	.001	130	16.17	3.67			18	18.61	3.07	0.92	
	138	18.52	3.53			66	18.02	3.24	3.61	.001	62	19.39	3.48		
07 Good Impression	162	7.44	3.22	1.39		130	7.42	3.09			18	8.67	3.79	1.94	
	138	6.91	3.42			66	7.14	3.58	0.55		62	6.77	3.13		
08 Graduate School Potential	162	17.28	6.54	0.58		130	17.14	6.49			18	20.22	6.25	1.88	
	138	16.86	6.01			66	16.64	6.31	0.52		62	17.13	5.72		
09 Honor Point Ratio	162	5.78	1.70	3.90	.001	130	5.90	1.72			18	5.28	1.36	1.12	
(Achievement via Independence)	138	5.03	1.61			66	5.21	1.65	2.74	.01	62	4.85	1.59		
10 Impulsivity	162	14.30	3.76	2.23	.02	130	14.35	3.74			18	15.89	3.38	3.28	.01
(Self Control)*	138	13.33	3.74			66	13.59	3.61	1.37		62	12.89	3.56		
11 Infrequency	162	23.21	8.32	3.90	.001	130	23.02	8.38			18	21.17	7.28	2.80	.01
(Communitas)*	138	24.85	7.85			66	23.23	8.56	0.16		62	26.52	6.65		
12 Intellectual Efficiency	162	3.84	3.82	3.75	.001	130	3.42	3.67	1.66	.10	18	6.89	4.19	0.80	
	138	5.64	4.37			66	4.45	4.36			62	6.92	4.05		
13 Neurodermatitis	162	32.87	6.41	4.23	.001	130	33.66	6.31			18	29.28	5.99	0.21	
	138	29.88	5.80			66	30.67	6.30	3.15	.01	62	28.95	5.14		
	162	13.13	2.18	2.10	.05	130	13.21	2.03			18	12.28	2.54	1.98	.05
	138	13.71	2.54			66	13.89	2.75	1.80	.10	62	13.58	2.18		

¹Dr. Harrison Cough, the tests' founder, has changed some of the titles of the scales. New titles are given in parentheses. Asterisks indicate that the test is scored in the opposite direction than the old test

APPENDIX A

Variable	Total Group					Native Whites					Negroes				
	N	M	S	t	P	N	M	S	t	P	N	M	S	t	P
01 CALIFORNIA PSYCHOLOGICAL INVENTORY (continued)															
14 Psychological Interest	F	162	9.83	5.65		130	9.54	2.60			18	10.33	3.05		
(Psychological Mindedness)	NF	138	8.88	2.56	1.93 .05	66	8.92	2.44	1.63		62	8.95	2.56	1.75	
15 Responsibility	F	162	24.41	5.60		130	24.68	5.57			18	23.39	5.88		
	NF	138	22.75	5.05	2.69 .01	66	23.36	5.74	1.53		62	21.92	4.08	0.99	
16 Self Acceptance	F	162	19.12	3.78		130	19.52	3.74			18	17.33	4.24		
	NF	138	18.61	3.58	1.20	66	17.68	3.90	2.82 .01		62	19.21	2.71	1.77	
17 Social Participation	F	162	22.20	4.95		130	22.61	4.82			18	21.11	5.59		
(Sociability)	NF	138	21.67	4.45	0.99	66	21.00	4.50	2.31 .05		62	22.11	4.29	0.70	
18 Social Presence--X ₁	F	162	32.59	5.95		130	33.20	5.95			18	30.17	6.24		
	NF	138	20.87	5.51	2.59 .01	66	31.42	5.72	2.03 .05		62	30.05	5.19	0.07	
19 Social Status	F	162	16.20	3.61		130	16.37	3.47			18	17.06	4.41		
(Capacity for Status)	NF	138	15.14	4.09	2.36 .02	66	14.23	4.15	3.6 .001		62	16.00	3.63	0.93	
20 Tolerance	F	162	16.09	5.79		130	16.35	5.85			18	16.67	5.65		
	NF	138	14.23	5.65	2.97 .001	66	15.06	5.22	1.57		62	13.35	4.74	2.27 .05	
02 MINNESOTA MULTIPHASIC PERSONALITY INVENTORY															
01 Academic Achievement	F	158	11.07	3.75		131	11.30	3.42			16	10.25	5.11		
	NF	137	10.58	3.34	1.17	63	10.89	3.46	0.78		62	10.08	3.17	0.13	
02 AWOL Recidivism	F	161	11.10	2.63							10	12.60	3.20		
	NF	134	10.58	2.45	1.73 .10						56	9.13	1.75	2.92	
03 Caudality	F	161	13.12	6.83		131	12.48	6.69			16	17.13	7.14		
	NF	134	15.69	5.51	3.55 .001	63	15.35	5.94	3.02 .01		62	16.52	4.88	0.32	
04 Delinquency	F	161	4.56	2.30		131	4.50	2.19			16	5.13	2.68		
	NF	134	5.25	2.10	2.70 .01	63	5.06	2.05	1.74 .10		62	5.65	2.07	0.72	
05 Dependency	F	161	21.37	10.10		131	20.48	9.93			16	25.81	8.57		
	NF	134	26.30	9.54	4.29 .001	63	24.67	9.42	2.85 .01		62	28.34	9.70	1.02	
06 Depression	F	161	19.82	6.55		131	18.82	5.97			16	27.50	7.22		
	NF	134	23.32	6.78	4.47 .001	63	21.79	6.78	2.98 .01		62	25.29	6.23	1.12	
07 Dominance	F	161	8.99	2.86		131	9.05	2.80			16	8.06	2.26		
	NF	134	8.29	2.69	2.15 .02	63	8.14	2.75	2.16 .05		62	8.40	2.73	0.51	

APPENDIX A

Variable	Total Group						Native Whites						Negroes					
	N	M	σ	t	P		N	M	σ	t	P		N	M	σ	t	P	
02 MINNESOTA MULTIPHASIC PERSONALITY INVENTORY (continued)																		
08 Dissimulation	F	161	10.44	7.36	3.92	.001	131	9.74	7.22	2.23	.05		16	15.38	7.85	0.13		
	NF	134	13.75	7.05			63	12.24	7.37				62	15.66	6.50			
09 Ego Strength	F	161	44.04	8.91	4.88	.001	131	45.31	8.83	3.84	.001		16	37.50	8.77	0.05		
	NF	134	39.17	8.18			63	40.06	8.95				62	37.35	7.12			
10 --F	F	161	10.20	9.80	3.60	.001	131	9.27	8.89	1.96	.05		16	17.75	14.53	0.00		
	NF	134	14.62	10.98			63	12.44	11.26				62	17.63	10.08			
11 Feminine Masochism	F	158	15.34	4.23	4.44	.001												
	NF	137	17.50	4.01														
12 Femininity	F	161	5.51	2.58	5.64	.001	131	5.45	2.12	3.74	.001		16	7.38	2.42	0.43		
	NF	134	7.07	2.17			63	6.57	1.88				62	7.66	2.16			
13 Honor Point Ratio	F	161	8.40	2.82	1.79	.10	131	8.52	2.72	1.34			16	8.44	3.65	0.76		
	NF	134	7.81	2.80			63	7.97	2.66				62	7.69	2.77			
14 Hypertension	F	158	27.97	7.20	3.99	.001							10	31.90	8.48	0.47		
	NF	137	31.12	6.35									56	33.25	6.84			
15 Hypochondriasis	F	161	15.77	6.78	2.48	.01	131	15.01	6.23	1.22			16	23.13	8.12	1.55		
	NF	134	17.78	6.97			63	16.25	6.90				62	19.73	6.49			
16 Hypomania	F	161	23.30	4.49	1.52		131	23.12	4.39	0.42			16	24.88	4.87	0.13		
	NF	134	24.14	4.87			63	23.44	5.22				62	25.05	4.43			
17 Hysteria	F	161	21.34	6.81	2.01	.05	131	20.86	6.35	1.19			16	28.13	7.46	1.80		
	NF	134	22.98	7.04			63	22.05	6.53				62	24.59	7.13			
18 Intellectual Efficiency	F	161	25.98	5.93	4.46	.001	131	26.59	5.71	3.36	.001		16	22.43	6.82	0.24		
	NF	134	22.93	5.75			63	23.60	5.84				62	22.00	5.37			
19 X ₂ Impulsivity, Self-Centeredness	F	161	9.75	4.38	1.71	.10	131	9.50	4.36	1.35			16	10.06	4.60	0.69		
	NF	134	10.60	4.19			63	10.41	4.44				62	10.94	4.06			
20 Graduate School Potential	F	161	8.10	2.91	2.38	.02	131	8.32	2.89	1.90	.10		16	7.81	2.17	1.05		
	NF	134	7.33	2.64			63	7.57	2.43				62	7.13	2.86			
21 --K	F	161	14.37	5.52	1.71	.10	131	14.64	5.62	1.33			16	15.00	3.97	1.66		
	NF	134	13.32	5.00			63	13.54	5.31				62	13.08	4.74			

APPENDIX A

Variable	Total Group					Native Whites					Negroes				
	INVENTORY (continued)														
	N	M	σ	t	P	N	M	σ	t	P	N	M	σ	t	P
02 MINNESOTA MULTIPHASIC PERSONALITY INVENTORY (continued)															
22 Leadership	F	161	30.58	8.27		131	31.23	8.09	2.76	.01	16	27.81	7.92	0.58	
23 --L	NF	234	27.38	7.27	3.53 .001	63	27.95	7.59			62	26.55	6.80		
24 Low Backache	F	161	4.63	2.49	0.44	131	4.50	2.49	0.30		16	5.56	2.19	1.03	
25 Masculinity-Femininity	NF	134	4.75	2.44		63	4.60	2.23			62	4.90	2.63		
26 Neurodermatitis	F	161	10.22	2.77	0.86	131	10.06	2.79	0.71		16	11.75	2.72	2.09 .05	
27 Originality	NF	134	9.94	2.86		63	9.76	2.76			62	10.11	3.06		
28 Paranoia	F	161	22.96	5.38	3.42 .001	131	22.48	5.54	1.69 .10		16	26.06	3.96	0.21	
29 Parietal Lobe Damage	NF	134	24.94	4.56		63	23.79	4.82			62	26.29	3.76		
30 Pedophile Scale	F	161	7.44	1.38	0.57	131	7.53	1.39	0.63		16	7.13	1.36	0.95	
31 X1--Poise, Spontaneity (Social Presence)	NF	134	7.54	1.50		63	7.40	1.34			62	7.50	1.63		
32 Prognosis	F	161	10.67	2.51	0.37	131	10.66	2.57	0.33		16	11.19	2.29	0.05	
33 Psychasthenia	NF	134	10.79	2.96		63	10.51	3.06			62	11.23	2.98		
34 Psychological Interest	F	161	11.46	5.09	2.42 .02	131	11.03	4.91	1.33		16	15.13	6.52	0.38	
35 Psychopathic Deviate	NF	134	13.01	5.79		63	12.13	5.61			62	14.44	5.80		
	F	161	11.98	6.54	3.51 .001	131	11.31	6.34	3.42 .001		16	15.50	7.21	0.30	
	NF	134	14.44	5.46		63	14.37	5.58			62	14.92	5.26		
	F	158	8.93	3.46	3.44 .001										
	NF	137	10.26	3.16											
	F	161	14.61	3.25	3.52 .001	131	14.89	3.27	2.85 .01		16	12.94	2.86	0.03	
	NF	134	13.28	3.18		63	13.40	3.49			62	12.30	2.81		
	F	158	21.87	7.83	3.36 .001						10	23.50	8.51	1.06	
	NF	137	24.83	7.25							56	26.65	6.65		
	F	161	29.06	8.41	3.15 .001	131	28.25	7.98	1.93 .10		16	36.19	9.98	0.77	
	NF	134	32.05	7.85		63	30.51	7.42			62	34.11	7.76		
	F	161	3.73	1.44	2.39 .02	131	3.85	1.48	1.99 .05		16	3.06	1.12	0.64	
	NF	134	3.34	1.36		63	3.46	1.23			62	3.27	1.43		
	F	161	24.49	5.37	2.41 .02	131	24.37	5.02	0.94		16	28.19	6.09	0.47	
	NF	134	25.99	5.21		63	25.13	5.28			62	27.42	4.98		

APPENDIX A

Variable	Total Group						Native Whites						Negroes					
	N			M			N			M			N			M		
	P			t			P			t			P			t		
02 MINNESOTA MULTIPHASIC PERSONALITY INVENTORY (continued)																		
37 Responsibility	F	161	11.78	3.59	134	11.50	3.14	0.71	131	11.95	3.36	0.64	16	11.44	4.49	0.08		
38 Role Playing	NF	134	11.50	3.14	0.71	63	11.62	3.43	0.64	63	11.62	3.43	0.64	62	11.34	2.83		
39 Schizophrenia	F	161	19.06	4.39	134	17.61	3.74	3.05	.001	131	19.55	4.21	2.99	.01	16	16.63	5.16	
40 Schizophrenic Screening Scale	NF	161	32.82	11.80	134	32.82	11.80	3.64	.001	131	31.62	10.75	1.84	.10	16	44.69	15.15	
41 Social Introversion	F	161	9.12	1.85	134	9.58	2.45	1.78	.10	131	9.02	1.87	0.70	16	10.31	1.85		
42 Social Participation	NF	161	27.74	9.64	134	29.46	8.10	2.62	.01	131	25.92	9.48	2.93	.01	62	31.63	10.26	
43 Social Status	F	161	16.65	4.36	134	16.03	3.75	1.31	131	16.92	4.40	2.74	.01	16	15.19	4.31		
44 Welsh Factor A	NF	161	19.47	4.11	134	17.98	3.56	3.32	.001	131	19.48	4.18	3.06	.01	62	16.53	3.53	
45 Welsh Factor R	F	161	15.22	4.95	134	15.73	5.45	0.84	131	13.91	10.03	2.25	.05	16	19.50	3.56		
46 Winne's Neuroticism	NF	158	8.04	6.49	137	10.31	5.89	5.14	.001	63	17.67	3.72	3.06	.01	62	18.11	3.39	
49 Tolerance	F	161	16.32	6.13	134	13.95	5.10	3.60	.001	131	15.12	4.86	1.02	16	17.81	5.14		
03 IPAT HUMOR TEST	NF	163	4.80	1.42	138	4.15	1.43	3.91	.001	63	15.98	5.84	1.02	62	15.66	5.07		
01 Factor 1 Debonair Sexual and F	NF	138	4.15	1.43	163	4.80	1.42	3.91	.001	131	16.66	6.11	2.73	.01	10	11.80	8.46	
Gen. Unhib. vs. Anx. Consid. NF	NF	163	3.20	1.41	138	3.87	1.44	4.02	.001	66	4.44	1.34	1.73	.10	56	12.30	5.53	
02 Factor 2 Goodnatured Play vs. F	NF	138	3.69	1.39	163	4.15	1.44	2.80	.01	66	3.74	1.26	3.82	.001	16	15.38	6.51	
Dry Wit NF	NF	163	4.15	1.44	138	3.69	1.39	2.80	.01	131	14.37	5.18	2.73	.01	62	13.50	4.89	
03 Factor 3 Tough Self-Composure F	NF	138	4.15	1.44	163	4.15	1.44	2.80	.01	66	4.79	1.43	1.73	.10	18	4.78	1.52	
vs. Reassurance in Embarrassment NF	NF	138	4.15	1.44	163	4.15	1.44	2.80	.01	66	4.44	1.34	1.73	.10	62	3.94	1.41	
		138	4.15	1.44	163	4.15	1.44	2.80	.01	66	3.74	1.26	3.82	.001	18	4.17	1.38	
		138	4.15	1.44	163	4.15	1.44	2.80	.01	66	3.61	1.38	2.69	.01	62	4.05	1.55	
		138	4.15	1.44	163	4.15	1.44	2.80	.01	66	4.18	1.45	2.69	.01	18	4.28	1.45	
		138	4.15	1.44	163	4.15	1.44	2.80	.01	66	4.18	1.45	2.69	.01	62	4.16	1.34	

APPENDIX A

Variable	Total Group						Native Whites						Negroes					
	N	M	σ	t	P		N	M	σ	t	P		N	M	σ	t	P	
03 IPAT HUMOR TEST (continued)																		
04 Factor 4 Gruesomeness vs. Flirtatious Playfulness	163	1.99	1.28	1.82	.05		131	1.96	1.28	1.08			18	2.61	1.29	0.52		
05 Factor 5 Hostile Derogation vs. Urbane Pleasantness	138	2.26	1.25	4.23	.001		66	2.17	1.27	1.08			62	2.44	1.20	0.91	1.33	
06 Factor 6 Resignation vs. Impudent Defiance of Decency	163	3.98	1.44	1.37	1.22		131	4.81	1.39	4.20	.001		18	3.67	0.91	1.33		
07 Factor 7 Cold Realism vs. Theatricalism	163	3.27	1.37	1.42	2.33	.02	66	3.91	1.45	1.39			62	4.03	1.39	0.31	1.46	
08 Factor 8 Ponderous Humor vs. Neat Lighthearted Wit	138	5.01	1.36	2.62	.05		131	5.02	1.34	1.72	.10		18	4.89	1.49	1.82	0.60	
09 Factor 9 Whimsical Retort vs. Damaging Retort	163	3.21	1.61	2.12	.05		66	3.06	1.60	0.96			62	5.47	1.48	1.79		
10 Factor 10 Mistreatment Humor vs. Cheerful Independence	138	2.97	1.34	1.69	.10		131	3.06	1.60	0.96			18	4.56	1.15	1.37	1.06	
04 16 PERSONALITY FACTOR TEST	163	3.77	1.50	1.69	.10		66	3.79	1.71	0.23			62	4.31	1.45	1.06		
01 Factor A Cyclothymia vs. Schizothymia	163	9.44	2.83	0.35			131	9.42	2.97	0.42			18	9.78	2.53	0.73		
02 Factor B General Intelligence vs. Mental Defect	137	9.55	2.70	2.77	.01		65	9.60	2.81	1.40			63	9.29	2.54	0.38		
03 Factor C Emotional Stability or Ego Strength vs. Dissat. Emo.	163	6.72	2.19	3.87	.001		131	6.95	2.16	1.95			18	5.28	2.19	0.20	0.65	
04 Factor E Dominance vs. Submission	137	6.02	2.17	0.28			65	6.48	2.26	0.30			63	5.49	1.92	1.01	1.11	
05 Factor F Surgency vs. Dis-surgency	163	16.20	3.91	1.31			131	16.63	3.88	1.85	.10		18	13.56	3.20	2.84	0.82	
06 Factor G Super Ego Strength vs. Lack of External Standards	137	12.53	3.45	0.16			65	15.38	4.38	1.85	.10		63	13.38	3.60	2.35	1.11	
07 Factor H Adventurous Autonomic Resilience vs. Inherent, Withdrawn Schizothymia	163	13.90	3.27	0.43			131	12.40	3.61	1.85	.10		18	13.22	2.58	1.44	0.50	

APPENDIX A

	Total Group				P	Native Whites				P	Negroes			
	N	M	σ	t		N	M	σ	t		N	M	σ	t
04 16 PERSONALITY FACTOR TEST (continued)														
08 Factor I Emotional Sensitivity	163	7.84	2.96	4.14	.001	131	7.66	3.02	1.66	.10	18	8.72	2.97	2.30
vs Tough Maturity	NF	137	9.28	3.04		65	8.45	3.21			63	10.48	2.44	
09 Factor L Paranoid Schizophrenia	NF	163	9.76	2.95	0.70	131	9.43	2.90	0.55		18	10.61	2.43	1.44
vs Trustful Altruism	NF	137	9.53	2.86		65	9.66	2.76			63	9.63	2.92	
10 Factor M Hysteria Unconcern	F	163	10.69	3.24	2.16 .02	131	10.55	3.20	0.78		18	12.17	3.29	0.06
or Bohemianism	NF	137	11.52	3.35		65	10.94	3.34			63	12.22	2.92	
11 Factor N Sophistication vs	F	163	10.76	2.77	2.80 .01	131	11.02	2.63	1.88 .10		18	9.56	2.99	0.08
Rough Simplicity	NF	137	9.93	2.38		65	10.35	2.20			63	9.49	2.53	
12 Factor O Anxious Insecurity	F	163	9.36	5.33	3.37 .001	131	8.85	5.35	2.26 .05		18	11.83	4.69	0.08
vs Placid Self-Confidence	NF	137	11.20	4.04		65	10.46	4.37			63	11.94	3.60	
13 Factor Q ₁ Radicalism vs	F	163	8.52	2.81	1.18	131	8.39	2.94	0.13		18	8.72	1.99	1.11
Conservatism	NF	137	8.90	2.69		65	8.45	2.71			63	9.37	2.67	
14 Factor Q ₂ Independent Self-	F	163	9.68	2.88	0.38	131	9.70	2.99	0.28		18	9.50	2.55	0.15
Sufficiency vs Lack of Resol.	NF	137	9.55	2.86		65	9.57	3.13			63	9.60	2.47	
15 Factor Q ₃ Will Power and	F	163	10.96	3.01	0.35	131	11.26	3.02	1.00		18	9.50	3.05	1.64
Character Stability	NF	137	10.83	3.09		65	10.78	3.18			63	10.84	3.11	
16 Factor Q ₄ Nervous Tension	F	163	10.50	4.57	3.36 .001	131	10.19	4.77	3.42 .001		18	10.78	2.24	1.96
NF	137	12.16	4.00			65	12.54	4.41			63	12.10	3.32	
08 MILITARY INTEREST BLANK														
F	163	123.77	31.49	4.70 .001		131	125.47	21.47	3.23 .01		18	100.44	22.44	1.07
NF	138	107.96	26.67			66	107.36	18.24			63	107.71	11.68	
10 MUSIC PREFERENCE TEST														
01 Factor 1	F	166	5.32	3.55	1.43	134	4.99	3.44	1.22		18	6.28	3.85	0.27
NF	141	5.87	3.23			65	5.63	3.48			65	6.02	3.04	
02 Factor 2	F	166	8.72	2.45	0.49	134	8.50	2.33	1.24		18	10.00	2.59	0.33
NF	141	8.86	2.63			65	8.05	2.46			65	9.77	2.59	
03 Factor 3	F	166	5.93	3.07	1.49	134	5.92	2.97	1.56		18	6.28	3.32	0.29
NF	141	6.47	3.23			65	6.58	2.67			65	6.54	3.73	

APPENDIX A

Variable	Total Group					Native Whites					Negroes				
	N	M	σ	t	P	N	M	σ	t	P	N	M	σ	t	P
10 MUSIC PREFERENCE TEST															
04 Factor 4	F	166	19.08	3.73	0.17	134	18.90	3.90	1.23		18	19.61	2.75	1.40	
	NF	141	19.01	3.76		65	19.63	3.99			65	18.52	3.46		
05 Factor 5	F	166	5.33	2.11	0.03	134	5.14	2.02	0.05		18	5.78	2.41	0.18	
	NF	141	5.55	2.30		65	5.12	2.09			65	5.89	2.35		
06 Factor 6	F	166	13.15	2.55	0.76	134	13.37	2.45	0.56		18	11.83	3.19	0.39	
	NF	141	12.92	2.60		65	13.57	2.38			65	12.15	2.53		
07 Factor 7	F	166	9.40	2.37	0.62	134	9.37	2.29	0.95		18	10.06	2.48	0.16	
	NF	141	9.55	2.01		65	9.08	1.95			65	9.95	1.92		
08 Factor 8	F	166	6.90	2.67	1.22	134	6.61	2.53	0.42		18	8.11	2.78	0.54	
	NF	141	7.31	3.10		65	6.80	3.18			65	7.71	2.96		
09 Factor 9	F	166	8.94	1.78	1.97 .05	134	8.88	1.73	1.61		18	9.56	1.98	0.12	
	NF	141	9.35	1.87		65	9.31	1.77			65	9.49	2.08		
10 Factor 10	F	166	5.37	1.74	1.05	134	5.34	1.65	0.98		18	6.11	2.05	0.08	
	NF	141	5.59	1.81		65	5.11	1.50			65	6.15	1.98		
11 Factor 11	F	166	6.48	2.39	0.18	134	6.65	2.37	1.15		18	5.78	2.51	1.45	
	NF	141	6.43	2.55		65	6.26	2.19			65	6.77	2.74		
11 INVENTORY P															
01 Mating	F	160	13.81	5.90	0.89	128	13.66	5.87	0.69		16	14.63	5.40	0.25	
	NF	134	14.42	5.71		63	14.28	5.85			60	15.00	4.54		
02 Escape-Fear	F	160	21.50	6.61	5.29 .001	128	21.55	6.45	2.55 .02		16	19.19	7.80	1.63	
	NF	134	17.34	6.79		63	19.04	6.38			60	15.90	6.09		
03 Parental-Protective	F	160	25.51	4.17	3.00 .01	128	25.76	4.23	0.90		16	29.94	3.42	2.70 .01	
	NF	134	23.89	4.92		63	25.14	4.63			60	22.30	3.98		
04 Appeal-Dependence	F	160	20.05	6.02	1.46	128	19.84	5.85	0.99		16	20.88	5.57	0.24	
	NF	134	21.05	5.59		63	20.73	5.81			60	21.25	5.18		
05 Curiosity	F	160	11.09	4.85	2.30 .05	128	10.79	4.73	1.00		16	6.50	5.84	4.05 .01	
	NF	134	12.41	4.98		63	11.55	5.07			60	13.65	4.87		
06 Self-Assertion and Display	F	160	15.15	4.16	0.16	128	15.41	4.11	1.10		16	14.69	3.25	0.97	
	NF	134	15.22	3.75		63	14.74	3.90			60	15.63	3.70		

APPENDIX A

Variable	Total Group					Native Whites					Negroes				
	N	M	σ	t	P	N	M	σ	t	P	N	M	σ	t	P
11 INVENTORY P (continued)															
07 Gregariousness	F	160	10.23	5.12	2.46 .02	128	10.41	5.07	0.78		16	9.13	6.83	1.60	
	NF	134	11.69	4.96		63	11.00	4.90			60	12.10	4.65		
08 Self-Sentiment	F	160	18.05	4.42	0.33	128	18.34	4.42	0.88		16	16.50	4.56	0.14	
	NF	134	17.89	4.03		63	17.76	4.27			60	16.33	2.88		
09 Narcissistic Play	F	160	8.54	4.76		128	8.07	4.62			16	9.63	3.41	1.33	
	NF	134	9.50	5.00	1.81	63	9.89	4.80	2.49 .02		60	10.95	3.54		
14 MIT															
F	124	14.06	20.47			104	15.85	11.23			14	10.32	9.72		
NF	91	12.42	36.03	5.71 .001		44	13.46	23.71	3.01 .01		41	11.07	29.56	0.69	
15 INVENTORY OF PERSONAL PHILOSOPHY															
01 Fundamentalist Belief	F	157	9.91	2.25	0.81	126	10.02	2.16	0.97		17	9.06	2.44	0.85	
	NF	131	9.69	2.39		63	9.67	2.41		59	9.63	2.43			
02 Fundamentalist Disbelief	F	157	0.62	1.11	0.99	126	0.59	1.10	0.30		17	1.24	1.35	0.52	
	NF	131	0.77	1.33		63	0.54	1.01		59	1.03	1.60			
03 Enlightened Belief	F	157	0.97	1.50	0.26	126	0.94	1.45	0.21		17	1.12	1.62	0.39	
	NF	131	0.93	1.26		63	0.98	1.11		59	0.95	1.38			
04 Enlightened Disbelief	F	157	0.62	0.77	0.69	126	0.57	0.73	0.97		17	0.82	1.07	0.33	
	NF	131	0.69	0.93		63	0.70	0.91		59	0.73	0.98			
05 Complexity of Outlook	F	163	12.44	3.23	1.39	131	12.37	3.35	0.00		18	12.78	2.98	1.21	
	NF	136	12.93	2.87		65	12.35	3.20		62	13.69	2.21			
06 Extracception	F	163	8.26	1.89	3.30 .001	131	8.38	1.84	1.06		18	6.78	1.90	0.19	
	NF	136	7.57	1.74		65	8.12	1.50		62	6.87	1.70			
07 Artistic-Complex-Independence	F	163	2.75	1.46	1.80 .05	131	2.64	1.40	0.09		18	3.72	1.67	0.35	
	NF	136	3.08	1.64		65	2.66	1.44		62	3.56	1.69			
08 Chromatic	F	163	4.64	2.11	0.36	131	4.59	2.09	0.34		18	5.00	2.25	0.38	
	NF	136	4.74	2.52		65	4.48	2.19		62	4.76	2.77			
09 Simple-Obliging-Goodhearted	F	163	12.48	2.65	1.36	131	12.71	2.60	0.29		18	10.89	3.08	0.61	
	NF	136	12.06	2.66		65	12.60	2.46		62	11.39	2.85			

APPENDIX A

Variable	Total Group			Native Whites			Negroes		
	N	M	t	N	M	t	N	M	t
19 SELF-CONCEPT TEST (SUZON)									
01 "Self" Estimate	F	148	77.76	14.30	129	78.40	19	73.40	15.90
	NF	124	74.06	15.20	62	73.80	62	74.30	16.90
02 Inferred "Others" Estimate	F	147	79.79	17.85	128	80.00	19	78.50	18.30
	NF	124	79.69	15.52	62	76.70	62	82.60	16.50
22 JUDGING PERSONALITY FILM									
01 Postdiction	F	163	16.99	3.79	51	17.84	7	14.42	2.63
	NF	136	15.94	4.19	35	17.06	27	14.25	4.53
02 Word List	F	163	54.20	7.54	131	54.44	18	50.44	8.83
	NF	135	52.27	8.40	65	54.03	50	49.82	7.78
27 PERSONAL CHECK LIST									
	F	162	23.35	6.11	131	22.73	17	25.35	5.28
	NF	136	24.02	5.10	66	23.88	61	24.54	4.92
28 BARRON-WELSH FIGURE PREFERENCE TEST									
	F	165	15.66	13.81	134	15.30	17	22.76	11.91
	NF	140	17.75	12.51	64	15.41	65	20.46	13.18
29 STRONG VOCATIONAL INTEREST TEST									
01 Artist	F	160	24.99	8.75	129	25.16	18	23.28	8.96
	NF	128	25.38	9.73	63	26.43	57	23.72	9.83
02 Psychologist	F	160	18.32	8.50	129	17.95	18	22.56	8.96
	NF	128	19.73	7.60	63	18.24	57	21.21	6.43
03 Architect	F	160	23.98	9.72	129	24.33	18	19.61	8.34
	NF	128	23.55	9.67	63	24.79	57	21.49	9.70
04 Physician	F	160	29.85	10.96	129	30.29	18	26.56	9.35
	NF	128	29.49	12.74	63	30.65	57	27.49	12.08
05 Osteopath	F	160	31.37	8.43	129	31.35	18	30.61	9.87
	NF	128	29.39	8.79	63	29.98	57	28.16	9.14
06 Dentist	F	160	30.03	9.06	129	30.57	18	25.28	8.40
	NF	128	28.37	9.25	63	29.92	57	25.75	7.85

APPENDIX A

A12

Variable	Total Group						Native Whites						Negroes					
	INTEREST TEST (continued)						INTEREST TEST						INTEREST TEST					
	N	M	σ	t	P		N	M	σ	t	P		N	M	σ	t	P	
29 STRONG VOCATIONAL INTEREST TEST																		
07 Veterinarian	F	160	30.66	9.41			129	31.95	8.89				18	20.56	8.54			
	NF	128	25.73	9.19	4.47 .001		63	29.16	9.43	1.96	.05		57	21.72	7.40			0.52
08 Mathematician	F	160	17.00	8.90			129	17.36	9.08				18	15.61	7.74			
	NF	128	17.91	8.14	C.91		63	17.94	8.91	0.41			57	17.39	7.52			0.85
09 Physicist	F	160	14.58	9.22			129	15.19	9.64				18	11.89	5.85			
	NF	128	13.60	7.82	C.98		63	14.02	8.56	0.86			57	12.47	7.04			0.35
10 Engineer	F	160	29.36	9.26			129	30.27	9.43				18	25.67	7.66			
	NF	128	25.77	7.82	3.57 .001		63	27.17	8.80	2.24	.05		57	23.60	6.17			1.05
11 Chemist	F	160	24.13	9.85			129	24.82	11.37				18	22.11	4.99			
	NF	128	21.90	7.19	2.18 .05		63	22.38	8.49	1.74			57	20.72	6.02			0.98
12 Production Manager	F	160	37.06	8.61			129	37.58	8.66				18	35.67	7.80			
	NF	128	33.84	8.04	3.27 .01		63	34.24	8.80	2.48	.05		57	33.35	7.49			1.11
13 Farmer	F	160	42.39	9.42			129	43.64	8.87				18	33.11	8.30			
	NF	128	38.46	9.01	3.60 .001		63	41.51	9.04	1.54			57	34.72	7.76			0.73
14 Aviator	F	160	36.88	9.28			129	37.91	9.31				18	28.89	5.51			
	NF	128	30.09	8.95	6.29 .001		63	33.08	9.14	3.42	.001		57	26.33	7.63			1.55
15 Carpenter	F	160	38.33	11.46			129	38.65	11.54				18	34.78	8.40			
	NF	128	35.96	11.90	1.79		63	37.84	12.17	0.44			57	33.33	8.84			0.63
16 Printer	F	160	33.30	9.35			129	38.95	9.21				18	37.67	7.91			
	NF	128	38.33	10.65	0.81		63	38.67	11.06	0.18			57	37.44	10.58			0.10
17 Mathematics or Physical Science Teacher	F	160	29.22	11.35			129	29.19	10.95				18	28.33	12.31			
	NF	128	28.63	12.47	0.42		63	27.83	13.21	0.71			57	29.12	12.06			0.09
18 Industrial Arts Teacher	F	160	25.33	12.43			129	26.63	12.30				18	23.61	9.50			
	NF	128	24.23	12.23	1.44		63	26.00	13.46	0.31			57	21.79	11.69			0.69
19 Vocational Agriculture Teacher	F	160	28.30	11.74			129	29.35	11.19				18	21.67	11.88			
	NF	128	25.16	12.78	2.15 .05		63	27.71	12.95	0.86			57	22.44	12.16			0.39
20 Policeman	F	160	40.03	9.79			129	40.13	9.57				18	36.94	10.36			
	NF	128	37.07	10.20	2.49 .05		63	37.16	10.57	1.88			57	36.58	10.22			0.13

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APPENDIX A

Variable	Total Group					Native Whites					Negroes				
	N	M	σ	t	P	N	M	σ	t	P	N	M	σ	t	P
29 STRONG VOCATIONAL INTEREST TEST (continued)															
21 Forest Service Man	F	160	26.79	11.89							18	15.78	10.18		
	NF	128	19.27	12.70	5.14 .001	63	21.97	13.32	3.16	.01	57	16.18	11.31	0.14	
22 YMCA Physical Director	F	160	25.70	11.78							18	27.50	15.14		
	NF	128	24.63	12.91	0.73	63	23.14	13.42	1.01		57	25.96	12.52	0.39	
23 Personnel Director	F	160	20.93	13.59							18	28.78	15.89		
	NF	128	21.80	13.98	0.53	63	19.21	14.23	0.38		57	25.05	13.15	0.90	
24 Public Administrator	F	160	25.98	11.39							18	28.61	12.98		
	NF	128	24.01	12.73	1.37	63	22.43	13.22	1.76		57	25.91	11.94	0.78	
25 YMCA Secretary	F	160	18.75	13.13							18	25.56	14.80		
	NF	128	21.58	14.39	1.70	129	17.49	12.40	0.56		57	25.21	13.99	0.09	
26 Social Science High School Teacher	F	160	25.92	11.54							18	30.56	13.08		
	NF	128	28.10	14.10	1.41	129	24.48	11.06	0.43		57	30.93	13.15	0.10	
27 City School Superintendent	F	160	12.51	9.71							18	16.39	11.15		
	NF	128	14.61	10.67	1.73	129	11.87	9.47	0.46		57	16.89	10.17	0.17	
28 Minister	F	160	16.16	12.68							18	23.78	13.43		
	NF	128	18.95	12.45	1.95	129	14.77	10.92	0.58		57	22.21	11.54	0.45	
29 Musician	F	160	29.73	9.56							18	29.50	10.49		
	NF	128	32.48	9.38	2.46 .05	129	29.02	9.20	1.36		57	33.93	8.42	1.41	
30 Certified Public Accountant	F	160	17.44	8.11							18	20.94	7.64		
	NF	128	20.77	7.93	3.51 .001	129	17.03	8.10	0.99		57	23.68	6.94	1.36	
31 Senior Certified Public Accountant	F	160	29.28	9.75							18	28.22	11.97		
	NF	128	28.01	12.42	0.95	129	29.25	9.44	1.17		57	29.00	12.00	0.24	
32 Accountant	F	160	24.28	10.32							18	31.00	11.89		
	NF	128	26.87	11.64	1.97 .05	129	23.42	9.61	0.43		57	30.00	11.54	0.31	
33 Office Man	F	160	33.89	10.78							18	38.63	11.03		
	NF	128	36.59	12.25	1.96	129	32.96	10.42	0.79		57	39.12	11.73	0.09	
34 Purchasing Agent	F	160	32.03	8.03							18	28.11	5.79		
	NF	128	31.03	6.96	1.13	129	32.65	8.19	0.34		57	30.21	5.58	1.35	

APPENDIX A

Variable	Total Group					Native Whites					Negroes				
	(continued)														
	N	M	σ	t	P	N	M	σ	t	P	N	M	σ	t	P
29 STRONG VOCATIONAL INTEREST TEST															
35 Banker	F	160	33.88	6.41		129	33.88	6.69			18	33.72	5.17		
	NF	128	35.77	5.57	2.68 .01	63	35.19	5.34	1.47		57	37.09	5.17	2.41 .05	
36 Mortician	F	160	37.38	7.95		129	37.36	8.21			18	36.61	7.57		
	NF	128	37.49	7.43	0.12	63	38.05	7.71	0.57		57	37.07	7.19	0.23	
37 Pharmacist	F	160	35.58	8.30		129	35.83	8.27			18	33.89	9.56		
	NF	128	34.51	7.63	1.14	63	35.60	7.47	0.19		57	33.16	7.78	0.29	
38 Sales Manager	F	160	29.91	7.63		129	29.88	7.82			18	30.56	5.42		
	NF	128	28.94	7.00	1.12	63	28.84	7.56	0.68		57	29.53	6.48	0.67	
39 Real Estate Salesman	F	160	40.66	7.55		129	40.76	7.55			18	40.17	6.89		
	NF	128	41.05	7.37	0.43	63	42.08	8.05	1.09		57	40.39	6.63	0.12	
40 Life Insurance Salesman	F	160	31.63	9.21		129	31.07	9.31			18	35.06	8.25		
	NF	128	32.77	8.34	1.10	63	32.38	8.97	0.94		57	33.54	7.93	0.68	
41 Advertising Man	F	160	29.68	7.48		129	29.26	7.57			18	32.39	5.73		
	NF	128	31.33	6.99	1.93	63	30.89	7.53	1.41		57	31.86	6.70	0.33	
42 Lawyer	F	160	26.28	7.56		129	26.33	7.57			18	26.67	5.87		
	NF	128	27.07	7.15	0.91	63	26.90	7.70	0.49		57	27.47	6.40	0.50	
43 Author-Journalist	F	160	30.43	8.09		129	30.44	8.00			18	31.00	7.39		
	NF	128	31.71	8.91	1.26	63	31.78	9.06	1.00		57	31.49	9.11	0.23	
44 President of Manufacturing Concern	F	160	32.78	8.61		129	32.94	8.00			18	34.56	9.61		
	NF	128	33.05	10.69	0.23	63	33.76	11.23	0.52		57	32.95	10.21	0.61	
45 Interest Maturity	F	160	45.99	9.19		129	45.47	9.02			18	48.72	9.60		
	NF	128	45.40	10.96	0.49	63	43.94	11.39	0.93		57	47.18	10.66	0.58	
46 Occupational Level	F	160	45.68	7.29		129	46.13	6.95			18	43.89	7.23		
	NF	128	45.22	7.80	0.45	63	45.65	7.93	0.41		57	44.89	7.85	0.50	
47 Masculinity-Femininity	F	160	49.69	7.78		129	50.84	7.60			18	43.67	6.10		
	NF	128	44.74	6.91	5.71 .001	63	46.84	6.67	3.72 .001		57	42.51	6.79	0.68	
48 Psychologist	F	160	18.39	8.45		129	18.02	8.36			18	22.61	9.00		
	NF	128	19.69	7.79	1.35	63	18.24	8.21	0.18		57	21.12	6.81	0.65	

APPENDIX A

Variable	Total Group						Native Whites						Negroes					
	N	M	σ	t	P		N	M	σ	t	P		N	M	σ	t	P	
29 STRONG VOCATIONAL INTEREST TEST (continued)																		
49 Clinical Psychologist	160	34.26	7.70	0.47		F	129	33.77	7.76	0.08			18	38.28	6.41	1.28		
	128	34.66	7.03			NF	63	33.68	7.28				57	36.04	6.64			
50 Experimental Psychologist	160	42.63	6.89	1.93		F	129	43.01	7.21	0.72			18	40.28	4.91	0.55		
	128	41.12	6.38			NF	63	42.24	6.79				57	39.51	5.77			
51 Guidance Psychologist	160	37.39	7.81	1.35		F	129	36.81	7.83	0.16			18	41.44	7.63	0.38		
	128	38.66	7.92			NF	63	37.02	8.50				57	40.67	7.05			
52 Industrial Psychologist	160	43.51	6.70	1.31		F	129	43.19	6.73	0.72			18	46.06	4.79	2.52	.05	
	128	42.52	6.09			NF	63	42.43	6.98				57	42.74	5.11			
53 Veteran's Administration Clinical Psychologist	160	10.99	9.55	0.91		F	129	10.49	9.39	0.27			18	15.89	11.14	0.72		
	128	11.97	8.66			NF	63	10.11	8.78				57	13.86	7.90			

APPENDIX B

Groupings Obtained from the Content Analysis of
Discriminating Items in the MMPI and CPI *

GROUP A: Masculinity

CPI: 65 F, 223 F, 375 T

MMPI: 81 T, 111FF, 223 T, 423 T, 427 F, 454 T, 537 T

GROUP B: Self Confidence and Self Esteem

CPI: 173F, 1480F, 177 F, 285 F

MMPI: 61 F, 82 F, 94 F, 106 F, 158 F, 333 F, 364 F, 459 F

GROUP C: Social Responsibility

CPI: 143 F, 190 F, 253 F, 263 F, 327 F, 361 F, 372 F, 435 F

MMPI: 224 F, 316 F, 393 F, 447 F, 537 F

GROUP D: Anxiety

1. Free Floating and Projecting Anxiety

CPI: 57 F, 79 F, 91 F, 110 F, 227 F, 285 F, 427 F

MMPI: 94 F, 166 F, 353 F, 385 F, 388 F, 392 F, 448 F, 480 F,
492 F, 553 F, 559 F

2. Psychasthenia or the Obsessive Compulsions

CPI: 13 F, 59 F, 85 F, 109 F, 337 F

MMPI: 359 F

3. Psychosomatic Hysteria

CPI: 138 T

MMPI 11 F, 18 T, 27 F, 189 F, 341 F

GROUP E: Feelings of Good Health and Well Being

CPI: 138 T, 366 T, 364 T, 385 F, 416 F

MMPI: 41 F, 46 T, 57 T, 107 T, 153 T, 158 F, 160 T, 189 F,
248 T, 309 T, 333 F, 369 T, 544 FGROUP F: Emotional Sensitivity

CPI: 232 F, 287 F, 296 F

MMPI: 25 F, 149 F, 158 F, 266 F, 295 F

*The responses that fighters tended to make is indicated. Since several items were put into more than one category, the N's total more than 90.

APPENDIX C
Clinical Interview Analysis

Item No.	Item	Rating	Total Group			Native Whites			Negroes		
			N	F	P	N	F	P	N	F	P
A BEHAVIOR DURING INTERVIEW											
11	Identification with Combat Unit	High Above Average Below Average Low ---*	92 44 21 9 0	43 39 31 25 6	55 26 13 17 0	30 27 22 05 4	.001 --- --- .01 .05	79 37 12 7 0	26 21 15 4 2	59 27 9 5 0	.05 --- --- --- 3
12	Cognitive Organization	High Above Average Below Average Low ---	63 63 33 5 2	36 46 32 20 8	25 38 32 23 1	.05 32 23 15 6	.001 --- --- --- ---	52 49 30 2 2	12 30 16 7 3	39 36 22 1 1	.05 --- --- .05 ---
13	Subject's Behavior in the Interview	Indifferent	9	15	5	10	---	5	8	4	12
14		Defensive	14	20	8	14	---	10	7	7	10
15		Hostile	5	3	3	2	---	5	1	4	1
16		Confused	7	17	4	12	---	6	8	4	12
17		Gagey, Guarded	13	18	8	12	---	9	8	7	12
18		Guilt-Ridden	6	10	4	7	---	6	4	4	6
19		Cooperative	133	92	80	64	.01	112	44	83	65
20		Sarcastic	6	3	4	2	---	5	2	4	3
21		Smart-Alecky	8	6	5	4	---	7	1	5	1
22		Uncooperative	8	6	5	4	---	6	2	4	3
23		Dependent	22	38	13	26	.05	17	18	13	26
24		Overly Cooperative	7	4	4	3	---	7	2	5	3
25		Conscientious	80	47	48	33	.01	67	23	50	34
26		Matter-of-fact	83	51	50	35	.01	67	26	50	38
27		Tense and Nervous	16	22	10	15	---	12	10	9	15
28		Self-Assured, Poised	64	22	39	15	.001	53	7	39	10
29		Egotistical, Boastful	8	5	5	3	---	8	2	6	3
30		Reserved, Dignified	27	16	16	11	---	21	5	16	7
31		Infantile, Immature	21	19	13	13	---	18	5	13	7

* --- = not rated

APPENDIX C
Clinical Interview Analysis

Item No.	Item	Rating	Total Group			Native Whites			Negroes												
			N	F	%	N	F	%	N	F	%										
A BEHAVIOR DURING INTERVIEW (continued)																					
32	Subject's Behavior in the Interview (cont'd)	Conventional	38	28	23	19	---	---	33	17	24	25	---	2	10	11	15	---			
33		Interested	54	32	33	22	.05	---	---	46	14	34	21	---	5	13	28	20	---		
34		Peculiar Mannerisms	11	21	7	15	---	---	---	10	6	7	9	---	1	15	6	23	---		
35		Dress	Neat	90	63	54	44	.01	---	---	70	26	52	38	---	11	33	61	50	---	
		Casual	51	48	31	33	---	---	---	45	25	33	37	---	3	22	17	33	---		
		Sloppy	8	15	5	10	---	---	---	5	9	4	13	---	2	4	11	6	---		
		---	17	18	10	12	---	---	---	15	8	11	12	---	2	7	11	11	---		
36	Posture	Relaxed	108	80	65	56	---	---	---	87	36	64	53	---	12	40	68	61	---		
		Tense	26	36	16	25	---	---	---	21	17	16	25	---	3	16	17	24	---		
		Other	14	8	8	6	---	---	---	12	4	9	6	---	1	3	6	5	---		
		---	18	20	11	14	---	---	---	15	11	11	16	---	2	7	11	11	---		
37	Odd Features	Presence of	11	8	7	6	---	---	---	10	3	7	4	---	0	5	---	8	---		
38		Stumbling	2	14	1	10	.01	---	---	1	4	1	6	---	1	8	6	12	---		
		Hesitant	31	43	19	30	.05	---	---	19	22	14	32	.05	7	19	39	29	---		
		Average	75	56	45	39	---	---	---	67	29	50	43	---	3	24	17	36	---		
		Ostentatious	0	0	0	0	---	---	---	0	0	0	0	---	0	0	0	0	---		
		Fluent	44	16	26	11	.001	---	---	37	6	27	9	.001	5	9	28	14	---		
		Verbose	3	2	2	1	---	---	---	2	1	1	1	---	1	1	6	2	---		
		---	11	13	7	9	---	---	---	9	6	7	9	---	1	5	6	8	---		
		Slow	27	47	16	33	.01	---	---	20	19	15	28	---	4	25	22	38	---		
39	Rate of Output	Medium	93	61	56	42	.01	---	---	74	36	55	53	---	11	24	61	36	---		
		Fast	35	24	21	17	---	---	---	31	8	23	12	---	2	12	11	18	---		
		Very Fast	1	0	1	0	---	---	---	1	0	1	0	---	0	0	0	0	---		
		---	10	12	6	8	---	---	---	9	5	7	7	---	1	5	6	8	---		
B SOCIAL-ECONOMIC LEVEL																					
42	Family Background	High	3	2	2	1	---	---	---	3	0	2	0	---	0	2	0	3	---		
		Medium	89	54	54	37	.01	---	---	80	35	59	51	---	7	13	39	20	---		
		Low	72	87	43	60	.05	---	---	50	32	37	47	---	11	51	61	77	---		
		---	2	1	1	1	---	---	---	2	1	1	1	---	0	0	0	0	---		

APPENDIX C
Clinical Interview Analysis

Item No.	Item	Rating	Total Group				Native Whites				Negroes			
			N	F	NF	P	N	F	NF	P	N	F	NF	P
B SOCIAL-ECONOMIC LEVEL (continued)														
43	Family Background (cont'd)	Stable Variable Erratic ---	52 79 31 4	28 72 42 2	31 48 19 2	19 50 29 1	.01 --- --- ---	45 67 19 4	18 37 12 1	33 50 14 3	26 54 18 1	---	---	---
44	Income Source	Professional High Professional Low Business High Business Low Industrial High Industrial Low Agriculture High Agriculture Low Other ---	1 5 11 11 33 56 22 24 0 3	5 3 7 7 12 59 13 29 1 6	1 3 7 7 20 34 13 14 0 2	3 2 5 6 8 41 9 20 1 4	---	1 4 10 9 32 39 21 17 0 2	4 2 5 3 7 24 26 8 0 2 1	1 3 7 7 10 29 16 13 0 1	6 3 7 4 10 38 16 12 0 3	---	---	---
44	Income Source (by Field, combining levels)	Professional Business Industrial Agriculture	6 22 89 46	8 16 71 42	4 13 54 28	6 11 49 29	---	5 19 71 38	6 8 33 17	4 14 53 28	9 12 49 25	---	---	---
45	Income Source (by level combining fields) Quality of Residence	High Low High Middle Class Low ---	67 96 1 99 62 4	37 100 3 49 84 8	40 58 1 60 37 2	26 71 2 33 69 6	.01 --- --- --- --- ---	64 69 1 87 45 2	27 39 2 34 29 3	47 51 1 64 33 1	40 57 3 50 43 4	---	---	---
211	Previous Work before the Army	Farm Labor Menial Labor Unskilled Labor Semi-Skilled Work Skilled Trade	17 2 57 53 7	15 11 53 40 3	10 1 34 32 4	10 8 37 28 2	---	15 0 44 45 7	9 0 24 20 3	11 0 33 33 5	13 0 35 29 4	---	---	---

APPENDIX C
Clinical Interview Analysis

Item No.	Item	Rating	Total Group				Native Whites				Negroes				
			N	F	%	P	N	F	%	P	N	F	%	P	
C HOME ENVIRONMENT															
46	Location of Residence	Large City City Town Rural —	35 42 37 50 2	33 30 36 41 4	21 25 22 30 1	23 21 25 28 3	— — — — —	25 33 30 45 2	16 11 24 21 1	19 24 22 33 3	24 16 28 31 3	6 4 5 3 0	14 18 14 18 2	33 22 28 21 0	21 28 21 28 3
47	Intellectual Climate	High Medium Low —	2 80 78 6	0 41 98 5	1 48 47 4	0 28 68 3	— .01 .001 —	2 70 58 5	0 23 43 2	1 52 42 3	— 34 63 3	0 7 11 0	0 15 49 2	0 39 61 2	0 23 74 3
67	Family Stability	A complete family unit in fairly normal home Not a complete unit in fairly normal home —	113 51 2	74 69 1	68 31 1	.01 .01 —	— — —	98 35 2	47 21 0	73 26 1	69 31 0	7 11 0	22 44 0	39 61 0	33 67 0
68	Distance family has moved	Little or none Some change Much change Complete break —	79 44 30 13 1	69 37 15 22 0	48 26 18 8 1	— — — — —	— — — — —	63 37 27 8 0	42 13 6 7 0	47 27 20 6 0	62 19 9 10 0	10 2 1 5 0	24 11 1 14 0	56 11 6 27 0	36 29 14 21 0
69	Frequency of family moves	Often A few times Rarely or Never —	22 34 110 2	19 36 87 0	13 20 66 1	— — — —	— — — —	18 29 88 0	8 14 45 1	13 21 65 0	12 21 66 1	3 2 13 0	10 20 36 0	17 11 72 0	15 30 55 0
70	Father's Participation in Community Activities	Joiner Average Isolate —	23 105 25 13	16 78 19 31	14 63 15 8	.01 .01 — .01	— — — —	22 86 22 5	7 42 9 10	16 64 16 4	10 62 13 15	0 11 1 6	9 31 7 19	0 61 6 33	14 47 11 29

APPENDIX C
Clinical Interview Analysis

Item No.	Item	Rating	Total Group			Native Whites			Negroes		
			N	F	%	N	F	%	N	F	%
C	HOME ENVIRONMENT (continued)										
71	Father's Position in Community Activities	Leader Follower	36	18	22 12 .05	31	8	23 12	3	10	17 15
			46	39	28 28	40	23	30 34	3	13	17 20
			84	87	51 61 64	37	47	54	12	43	67 65
72	Mother's Participation in Community Activities	Joiner Average Isolate	21	18	13 12	17	8	13 12	3	10	17 15
			114	91	69 63	93	42	69 62	13	44	72 67
			25	22	15 15	21	13	16 19	1	6	6 9
			6	13	4 9	4	5	3 7	1	6	6 9
73	Mother's Position in Community Activities	Leader Follower	37	22	22 15	32	7	24 10	3	15	17 23
			42	46	25 32	38	23	28 34	3	20	17 30
			87	76	52 53	65	38	48 56	12	31	67 47
74	Subject's Participation in Community Activities	Joiner Average Isolate	29	11	17 8 .05	25	5	19 7	3	6	17 9
			104	97	63 67	82	47	61 69	13	44	72 67
			29	25	17 17	25	11	19 16	1	12	6 18
			4	10	2 7	3	5	2 7	1	3	6 5
75	Subject's Position in Community Activities	Leader Follower	38	27	23 19	32	11	24 16	4	15	22 23
			38	36	23 25	30	18	22 26	2	15	11 23
			90	81	54 56	73	39	54 57	12	36	67 55
76	Strength of Family Kinship Ties	High Medium Low	66	31	40 22 .001	54	14	40 21 .05	8	13	44 20
			77	84	46 58	64	43	47 63	9	38	50 58
			23	23	14 16	17	9	13 13	1	13	6 20
			0	6	0 4 .05	0	2	0 3	0	2	0 3
77	Amount of Interaction between the Family and other Relatives	High Medium Low	66	40	40 28 .05	52	22	39 32	9	15	50 23
			69	67	42 46	61	30	45 44	6	34	33 52
			31	32	19 22	22	15	16 22	3	15	17 23
			0	5	0 3	0	1	0 1	0	2	0 3
78	Marital Status of Parents	Together Separated Divorced Never Married	118	89	74 62	98	50	73 74	11	32	61 49
			14	17	9 12	13	5	10 7	0	12	0 18
			15	11	9 8	14	3	10 4	1	8	6 12
			12	19	8 13	10	10	7 15	1	0	6 0

APPENDIX C
Clinical Interview Analysis

Item No.	Item	Rating	Total Group					Native Whites					Negroes				
			N	F	%	NF	P	N	F	%	NF	P	N	F	%	NF	P
C HOME ENVIRONMENT (continued)																	
81	Death of Father While Subject Growing Up	Father Dead	24	40	14	28	.01	14	17	10	25	.05	7	21	39	32	---
84	Death of Mother While Subject Growing Up	Father Alive	142	104	86	72	.01	121	51	90	75	---	11	45	61	68	---
87	Father-Mother Relationship	Mother Dead	11	18	7	12	---	6	2	4	3	---	4	13	22	20	---
		Mother Alive	155	126	93	87	---	129	66	96	97	---	14	53	73	80	---
		Excellent	35	26	21	18	---	28	13	21	19	---	6	10	33	15	---
		Average	82	61	49	42	---	65	32	48	47	---	7	25	39	38	---
		Hostile	12	18	7	12	---	11	9	8	13	---	0	9	0	14	---
88	Expression of Father-Mother Relationship	Ambivalent	14	14	8	10	---	14	4	10	6	---	0	9	0	14	---
		---	23	25	14	17	---	17	10	13	15	---	5	13	28	20	---
		Overt	90	84	54	58	---	72	40	53	59	---	12	37	67	56	---
89	Health of Parents	Covert	36	19	22	13	---	32	12	24	18	---	1	6	6	9	---
		---	40	41	24	28	---	31	16	23	24	---	5	23	28	35	---
90	Health of Parents	Father had chronic physical illness	63	50	38	35	---	51	29	38	43	---	7	18	39	27	---
Father had chronic mental illness		1	1	1	1	---	1	0	1	0	---	0	1	0	2	---	
Father had alcoholism		13	14	8	10	---	10	9	7	13	---	1	5	6	8	---	
Father had short-term illness		29	17	17	12	---	26	11	19	16	---	2	6	11	9	---	
Father had other conditions		4	2	2	1	---	4	1	3	1	---	0	1	0	2	---	
Mother had chronic illness, physical		58	54	35	37	---	45	25	33	37	---	8	25	44	38	---	
Mother had chronic mental illness		3	2	2	2	---	3	1	2	1	---	0	1	0	2	---	
Mother had alcoholism		3	2	2	2	---	3	1	2	1	---	0	1	0	2	---	
Mother had short-term illness		22	18	13	12	---	19	7	14	10	---	1	11	6	17	---	
Mother had other conditions		3	4	2	3	---	3	3	2	4	---	0	1	0	2	---	

APPENDIX C
Clinical Interview Analysis

Item No.	Item	Rating	Total Group					Native Whites					Negroes				
			N	F	NF	%	P	N	F	NF	%	P	N	F	NF	%	P
C HOME ENVIRONMENT (continued)																	
118	Intensity of Subject-Father Affect	High	48	24	29	17	.05	41	12	30	18	---	2	8	11	12	---
		Medium	87	75	52	52	---	74	38	55	56	---	7	32	33	50	---
		Low	18	23	11	16	---	14	9	10	13	---	4	14	22	21	---
		---	13	22	8	15	---	6	9	4	13	---	12	44	67	67	---
119	Kind of Feeling--Father Affect	Ambivalent	2	4	1	3	---	2	1	1	1	---	0	3	0	5	---
		---	20	29	12	20	---	13	11	10	16	---	5	16	28	24	---
120	Expression of Subject-Father Affect	Covert	50	30	30	21	---	43	18	32	26	---	4	11	22	17	---
		Overt	89	80	54	56	---	73	38	54	56	---	8	35	44	53	---
		---	27	34	16	24	---	19	12	14	18	---	6	20	33	30	---
		---	70	50	42	35	---	53	23	39	34	---	9	22	50	33	---
121	Intensity of Subject-Mother Affect	High	81	75	49	52	---	73	36	54	53	---	6	36	33	55	---
		Medium	9	9	5	6	---	6	6	4	9	---	2	3	11	6	---
		Low	6	10	4	7	---	3	3	2	4	---	1	5	5	8	---
		---	151	126	91	87	---	122	64	90	94	---	18	34	100	82	---
122	Kind of Subject-Mother Affect	Positive	1	1	1	1	---	1	0	1	0	---	0	1	0	2	---
		Negative	3	5	2	3	---	3	0	2	0	---	0	5	0	8	---
		Ambivalent	11	12	7	8	---	9	4	7	6	---	0	6	0	9	---
		---	40	29	24	20	---	32	19	24	28	---	4	9	22	14	---
123	Expression of Subject-Mother Affect	Covert	113	95	68	66	---	92	43	68	63	---	13	45	72	68	---
		Overt	13	20	8	14	---	11	6	8	7	---	1	12	6	18	---
		---	120	89	72	62	---	100	43	74	63	---	11	38	61	58	---
		---	16	21	10	15	---	15	8	11	12	---	0	13	0	20	---
124	Constancy of Subject-Father Affect	Constant	30	34	18	24	---	20	17	15	24	---	7	15	39	23	---
		Ambivalent	133	104	80	72	---	107	52	79	76	---	15	44	83	67	---
		---	11	15	7	10	---	10	2	7	3	---	1	13	6	20	---
		---	22	25	13	17	---	18	14	13	21	---	2	19	11	28	---
119	(cont'd. from above)	Positive	138	106	83	74	---	115	55	85	81	---	12	44	67	67	---
		Negative	6	5	4	3	---	5	1	4	1	---	1	3	6	5	---

APPENDIX C
Clinical Interview Analysis

Item No.	Item	Rating	Total Group			Native Whites			Negroes								
			N	F	%	N	F	%	N	F	%						
C HOME ENVIRONMENT (continued)																	
126	Father's control over Subject	Controlled	39	33	23	23	---	34	20	25	29	2	11	11	17	---	
		Moderate	88	58	53	40	---	74	27	55	40	---	9	26	50	39	---
		Low	23	23	14	16	---	19	9	14	13	---	1	13	6	20	---
		---	16	30	10	21	.05	8	12	6	18	---	6	16	33	24	---
127	Mother's control over Subject	Controlled	39	40	23	28	---	31	20	23	29	---	3	18	17	27	---
		Moderate	97	74	58	51	---	79	37	59	54	---	14	33	78	50	---
		Low	21	17	13	12	---	18	6	13	9	---	0	9	0	14	---
		---	9	13	5	9	---	7	5	5	7	---	1	6	6	9	---
128	Father seen as ---	Easygoing	75	51	45	35	---	62	26	46	38	---	5	21	33	32	---
		Introverted	16	12	10	8	---	13	4	10	6	---	2	6	11	9	---
		Strict	33	30	20	21	---	30	14	22	21	---	1	13	6	20	---
		Nervous	14	5	8	3	.05	12	4	9	6	---	1	1	6	2	---
		Disinterested	11	14	7	10	---	9	5	7	7	---	2	8	11	12	---
		Strong	51	27	31	19	.05	45	14	33	21	---	2	10	11	15	---
		Demanding	14	11	8	8	---	14	6	10	9	---	0	4	0	6	---
		Short-Tempered	37	29	22	20	---	34	16	25	24	---	1	12	6	18	---
		Neurotic	10	7	6	5	---	10	4	7	6	---	0	3	0	5	---
		Vain	5	1	3	1	---	4	1	3	1	---	0	0	0	0	---
		Warm	100	62	60	43	.01	81	29	60	43	---	12	27	67	41	---
		Domineering	3	10	2	7	.05	3	4	2	6	---	0	5	0	8	---
		Neurotic	17	13	10	9	---	17	7	13	10	---	0	6	0	9	---
140	Mother seen as ---	Overprotective	16	21	10	15	---	11	10	8	15	---	0	10	0	15	---
		Suspicious	2	5	1	3	---	2	1	1	1	---	0	4	0	6	---
		Confident	21	13	13	9	---	17	4	13	6	---	2	7	11	10	---
		Anxious	70	42	42	29	---	59	21	44	31	---	5	18	28	27	---
		Patient	59	37	36	26	---	46	16	34	24	---	8	18	44	27	---
		Understanding	69	47	42	33	---	57	22	42	19	---	7	23	39	35	---
		Cruel	0	3	0	2	---	0	0	0	0	---	0	3	0	5	---
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

APPENDIX C
Clinical Interview Analysis

Item No.	Item	Rating	Total Group					Native Whites					Negroes				
			%				P	%				P	%				P
			N	F	NF	F		N	F	NF	F		N	F	NF	F	
HOME ENVIRONMENT (continued)																	
153	Number of Older Male Siblings	None	41	36	25	25	—	33	19	24	28	—	5	16	28	24	—
		1	38	34	23	24	—	33	19	24	28	—	1	12	6	18	—
		2	29	21	17	15	—	24	11	18	16	—	4	8	22	12	—
		3	16	14	10	10	—	10	7	7	10	—	2	6	11	9	—
		4	7	7	4	5	—	6	2	4	3	—	1	4	6	6	—
		5	3	0	2	0	—	3	0	2	0	—	0	0	0	0	—
		6	3	1	2	1	—	3	0	2	0	—	0	0	0	0	—
		7	1	1	1	1	—	1	0	1	0	—	0	1	0	2	—
		8	0	0	0	0	—	0	0	0	0	—	0	0	0	0	—
		9	0	0	0	0	—	0	0	0	0	—	0	0	0	0	—
154	Number of Older Female Siblings	—	28	30	17	21	—	22	10	16	15	—	5	19	28	29	—
		None	35	40	21	28	—	27	23	20	34	—	7	15	39	23	—
		1	43	30	26	21	—	39	13	29	19	—	2	14	11	21	—
		2	26	20	16	14	—	20	8	15	12	—	2	11	11	17	—
		3	14	12	8	8	—	12	7	9	10	—	0	5	0	8	—
		4	6	9	4	6	—	5	2	4	3	—	0	4	0	6	—
		5	7	1	4	1	—	4	1	3	1	—	1	0	6	0	—
		6	0	2	0	1	—	0	0	0	0	—	0	2	0	3	—
		7	0	2	0	1	—	0	1	0	1	—	0	0	0	0	—
		8	2	0	1	0	—	2	0	1	0	—	0	0	0	0	—
155	Number of Younger Male Siblings	9	0	2	0	1	—	0	1	0	1	—	0	1	0	2	—
		—	33	27	20	19	—	26	12	19	18	—	6	14	33	21	—
		None	39	33	23	23	—	31	13	23	19	—	2	18	11	28	—
		1	48	43	29	30	—	41	20	30	29	—	3	18	17	28	—
		2	29	24	17	17	—	22	18	16	26	—	5	5	28	8	—
		3	7	7	4	5	—	4	1	3	1	—	3	6	17	9	—
		4	2	3	1	2	—	2	0	1	0	—	0	3	0	2	—
		5	2	3	1	2	—	2	2	1	3	—	0	1	0	0	—
		6	0	1	0	1	—	0	1	0	1	—	0	0	0	0	—
		6	0	1	0	1	—	0	1	0	1	—	0	0	0	0	—

APPENDIX C
Clinical Interview Analysis

Item No.	Item	Rating	Total Group					Native Whites					Negroes				
			F	NF	F	NF	P	F	NF	F	NF	P	F	NF	F	NF	P
C HOME ENVIRONMENT (continued)																	
155	Number of Younger Male Siblings (continued)	7	1	0	1	0	—	1	0	1	0	—	0	0	0	0	—
		8	0	0	0	0	—	0	0	0	0	—	0	0	0	0	—
		9	0	0	0	0	—	0	0	0	0	—	0	0	0	0	—
		—	38	30	23	21	—	32	13	24	19	—	5	15	28	23	—
156	Number of Younger Female Siblings	None	32	43	19	30	—	24	23	18	34	—	3	15	17	23	—
		1	64	36	39	25	.05	59	16	44	24	.01	3	17	17	26	—
		2	20	22	12	15	—	15	10	11	15	—	2	12	11	18	—
		3	13	9	8	6	—	8	5	6	7	—	5	4	28	6	—
		4	4	5	2	3	—	3	2	2	3	—	0	3	0	5	—
		5	0	1	0	1	—	0	0	0	0	—	0	0	0	0	—
		6	0	0	0	0	—	0	0	0	0	—	0	0	0	0	—
		7	0	0	0	0	—	0	0	0	0	—	0	0	0	0	—
		8	0	0	0	0	—	0	0	0	0	—	0	0	0	0	—
		9	0	0	0	0	—	0	0	0	0	—	0	0	0	0	—
		—	33	28	20	19	—	26	12	19	18	—	5	15	28	23	—
157	Rivalry with Siblings	High	14	12	8	8	—	12	11	9	16	—	0	1	0	2	—
		Medium	68	49	41	34	—	57	28	42	41	—	7	19	39	29	—
		Low	38	25	23	17	—	31	7	23	10	—	4	16	22	24	—
		—	46	58	28	40	—	35	22	26	32	—	7	30	39	45	—
158	Mutual Support and Interaction Among Siblings	High	30	18	18	12	—	26	10	19	15	—	1	6	6	9	—
		Medium	71	60	43	42	—	57	30	42	44	—	9	27	50	41	—
		Low	20	10	12	7	—	17	5	13	7	—	2	5	11	8	—
		—	45	56	27	39	—	35	23	26	34	—	6	28	33	42	—
169	Father Seen as —	Successful or Respected	89	66	54	46	—	80	39	59	57	—	6	24	33	36	—
		Essentially Mediocre	57	43	34	30	—	43	17	32	25	—	6	21	33	31	—
		Unsuccessful or Disgraced	8	9	6	6	—	7	4	5	6	—	1	5	6	8	—
		—	12	26	8	18	.05	5	8	4	1	—	5	1	28	2	—

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APPENDIX C
Clinical Interview Analysis

Item No.	Item	Ratings	Total Group				Native Whites				Negroes			
			N	F	%	P	N	F	%	P	N	F	%	P
C HCAE ENVIRONMENT (continued)														
170	Father seen as --	Forceful Personality Average Personality Ineffectual Personality ---	55 81 15 15	42 62 13 27	33 49 10 10	29 43 9 19	48 67 14 6	22 32 5 9	36 50 10 4	32 47 7 1	4 8 0 6	16 26 8 16	22 44 0 33	24 39 12 24
171	Mother seen as --	Efficient Homemaker Average Homemaker Inefficient Homemaker ---	116 41 3 6	69 61 5 9	70 25 2 4	48 42 3 6	96 32 3 4	34 30 2 2	71 24 2 3	50 44 3 3	9 8 0 1	31 28 2 5	50 44 0 6	47 42 3 8
172	Mother seen as	Forceful Personality Average Personality Ineffectual Personality ---	41 103 14 8	36 84 14 10	25 62 8 5	25 58 10 7	34 83 13 5	17 41 7 3	25 62 10 4	25 50 10 4	5 12 0 1	17 38 6 5	28 67 0 6	26 58 9 8
173	Amount of Punishment Subject Received	High Medium Low ---	15 111 37 3	32 79 29 4	9 67 22 2	.01 55 20 3	14 90 29 2	11 44 12 1	10 67 21 1	16 55 18 1	1 16 1 0	20 30 15 1	6 89 6 0	30 46 23 2
174	Consistency of Punishment Subject received	Consistent Average Erratic ---	98 53 11 4	65 57 17 5	59 32 7 2	.45 40 12 3	81 45 8 1	31 27 8 2	60 33 6 1	46 40 12 3	10 5 2 1	29 28 8 1	56 42 11 6	44 42 12 2
175	Punishment Given	Physical Confinement Verbal Deprivation	121 36 64 32	105 30 37 26	73 22 39 19	73 21 26 18	98 31 53 24	47 19 26 10	73 23 39 18	69 28 38 15	15 3 5 3	54 10 9 15	83 17 28 17	82 15 14 23
176	Source of Punishment	Father	64	37	39	26	53	25	39	37	4	10	22	15
177		Mother	46	60	28	42	37	23	27	34	7	35	39	53
178		Both	43	36	26	25	36	16	27	24	3	17	17	26
179		Other	Other ---	8 5	7 4	5 3	5 3	5 4	2 2	4 3	3 3	3 1	4 0	17 6

APPENDIX C

Clinical Interview Analysis

Item No.	Item	Ratings	Total Group					Native Whites					Negroes					
			N	F	NF	%	P	N	F	NF	%	P	N	F	NF	%	P	
C HOME ENVIRONMENT (continued)																		
180	Reasonable as Punishment	Reasonable Average Irrational	79	62	48	43	---	62	32	46	47	---	9	27	50	41	---	
			79	68	48	47	---	63	31	48	46	---	9	32	50	49	---	
			4	7	2	5	---	4	2	3	3	---	0	5	0	8	---	
			4	7	2	5	---	4	3	3	4	---	0	2	0	3	---	
183	The Single Most Important Source of Sex Education	Father Mother Teacher Peers Literature Personal Experience Other	12	4	7	3	.05	10	3	7	4	---	1	1	6	2	---	
			6	3	4	2	---	5	3	4	4	---	0	0	0	0	---	
			1	1	1	1	---	1	1	1	1	---	0	0	0	0	---	
			44	31	25	22	---	38	12	28	18	---	4	16	22	24	---	
			3	4	2	3	---	3	3	2	4	---	0	1	0	2	---	
			31	39	19	27	---	23	14	17	21	---	5	23	28	35	---	
			4	3	2	2	---	4	1	3	1	---	0	1	0	2	---	
			65	59	39	41	---	51	31	38	46	---	8	24	44	36	---	
184	Sources of Sex Education	Father Mother Teacher Peers Literature Personal Experience Other	39	15	23	10	.01	33	9	24	13	---	4	6	22	9	---	
185			26	8	16	6	.01	20	6	15	5	---	4	2	22	3	---	
186			14	6	8	4	---	10	5	7	4	---	2	1	11	2	---	
187			107	109	64	76	.05	92	47	68	69	---	9	56	50	85	---	
188			19	15	11	10	---	15	9	11	13	---	4	4	22	6	---	
189			56	62	34	43	---	41	27	30	40	---	10	33	56	50	---	
190			11	5	7	3	---	11	3	8	4	---	0	1	0	2	---	
Item No.	Item		Total Group					Native Whites										
			N	F	NF	%	P	N	F	NF	%	P	N	F	NF	%	P	
79-80	Subject's age in years at time of divorce or separation of parents		28	26	10.0	7.7	6.2	6.1	26	6	10.2	13.7	6.0	5.8				
82-83	Age in years at time of father's death		24	40	11.8	10.3	7.2	7.6	14	17	13.4	9.5	6.8	7.6				
85-86	Age in years at time of mother's death		11	18	12.1	10.28	8	6.5	6	2	10.7	11.5	-	-				
151-152	Number of siblings subject has		160	138	4.6	4.73	0	3.3	131	65	4.6	4.5	2.9	3.0				

APPENDIX C
Clinical Interview Analysis

Item No.	Item	Rating	Total Group				Native Whites				Negroes					
			N	F	%	P	N	F	%	P	N	F	%	P		
D RELIGION																
99	Subject's Religious Affiliation	Protestant-established	76	84	46	58	---	58	37	43	54	---	16	46	39	70
		Protestant-Splinter	18	19	11	13	---	16	10	12	15	---	1	9	6	14
		Catholic	55	28	33	19	.01	45	18	33	26	---	0	3	0	0
		Jewish	0	2	0	1	---	0	2	0	3	---	0	0	0	0
		None	12	7	7	4	---	11	1	8	1	---	1	6	6	9
		Athiest	1	0	1	0	---	1	0	1	0	---	0	0	0	0
100	Father's Religious Affiliation	Agnostic	1	0	1	0	---	1	0	1	0	---	0	0	0	0
		Other	1	1	1	1	---	1	0	1	0	---	0	0	0	0
		---	2	3	1	2	---	2	0	1	0	---	0	2	0	3
		Protestant-established	70	76	42	53	---	58	34	43	50	---	11	41	61	62
		Protestant-Splinter	15	16	9	10	---	14	8	10	12	---	0	8	0	12
		Catholic	54	24	33	17	.01	43	12	32	18	---	0	5	0	8
101	Mother's Religious Affiliation	Jewish	0	2	0	1	---	0	2	0	3	---	0	0	0	0
		None	18	6	11	4	---	16	3	12	4	---	2	3	11	15
		Athiest	0	0	0	0	---	0	0	0	0	---	0	0	0	0
		Agnostic	0	0	0	0	---	0	0	0	0	---	0	0	0	0
		Other	1	1	1	1	---	1	0	0	0	---	0	0	0	0
		---	8	19	5	13	.01	3	9	2	13	.05	5	9	28	14
	Protestant-established	82	85	49	59	---	64	35	47	51	---	17	49	94	74	
		Protestant-Splinter	17	21	10	15	---	15	9	11	13	---	1	12	6	18
		Catholic	58	29	35	20	.01	48	19	36	28	---	0	3	0	5
		Jewish	0	2	0	1	---	0	2	0	3	---	0	0	0	0
		None	8	1	5	1	---	8	1	6	1	---	0	0	0	0
		Athiest	0	0	0	0	---	0	0	0	0	---	0	0	0	0
	Agnostic	0	0	0	0	---	0	0	0	0	---	0	0	0	0	
		Other	0	1	0	1	---	0	0	0	0	---	0	0	0	0
			1	5	1	3	---	0	2	0	3	---	0	2	0	3

APPENDIX C
Clinical Interview Analysis

Item No.	Item	Rating	Total Group				Native Whites				Negroes			
			N	F	%	P	N	F	%	P	N	F	%	P
D	RELIGION (continued)													
102	Subject's Involvement with Religion-Early	High Medium Low ---	31 87 48 0	29 70 39 6	19 52 29 0	20 49 27 .05	25 70 40 0	14 39 14 1	19 52 30 0	21 57 21 1	2 13 3 0	14 26 23 3	11 72 17 0	21 39 35 5
103	Subject's Involvement with Religion-Late	High Medium Low ---	36 94 36 0	36 74 28 6	22 57 22 0	25 51 19 .05	29 76 30 0	19 32 16 1	21 47 22 0	28 47 24 1	3 12 3 0	16 35 12 3	17 67 17 0	24 53 18 5
104	Father's Involvement with Religion-Early (in subject's life)	High Medium Low ---	32 83 39 12	26 58 22 28	19 50 23 7	18 40 22 .01	27 72 32 4	9 31 20 8	20 53 24 3	13 46 29 12	1 8 2 7	14 24 10 18	6 44 11 39	21 36 15 27
105	Father's Involvement with Religion-Late	High Medium Low ---	34 72 40 20	25 55 30 33	20 43 24 12	17 39 21 23	31 60 34 10	10 31 17 10	23 44 25 7	15 46 25 15	0 9 1 8	12 22 11 21	0 50 6 44	18 33 17 32
106	Mother's Involvement with Religion-Early	High Medium Low ---	75 74 14 3	56 70 8 10	45 45 8 2	39 49 6 7	56 65 13 1	23 36 6 3	41 48 10 2	34 53 9 4	10 7 1 5	30 39 1 5	56 45 0 6	45 45 2 8
107	Mother's Involvement with Religion-Late	High Medium Low ---	78 67 15 6	60 63 7 14	47 40 9 4	42 44 5 10	60 58 14 3	25 33 5 5	44 43 10 2	37 49 7 7	9 7 0 2	32 27 1 6	50 39 0 11	49 41 2 9
108	Subject's Attendance at Religious Services-Early	Often Seldom Never -	134 21 10 1	98 27 15 4	81 12 6 1	68 19 10 3	108 17 9 1	45 18 5 0	80 13 7 1	63 26 7 0	16 2 0 0	48 8 8 2	89 11 0 2	73 12 12 3

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Clinical Interview Analysis

Item No.	Item	Rating	Total Group				Native Whites				Negroes			
			N	F	NF	P	N	F	NF	P	N	F	NF	P
D RELIGION (continued)														
109	Subject's Attendance at Religious Services-Late	Often Seldom Never ---	84 59 22 1	68 52 20 4	51 36 13 1	47 36 14 3	73 40 21 1	34 24 10 0	54 30 16 1	50 35 15 0	7 11 0 0	28 26 10 2	39 61 0 0	42 39 15 3
110	Father's Attendance at Religious Services-Early	Often Seldom Never ---	80 43 32 11	53 39 24 28	48 26 19 7	37 27 17 19	70 34 28 3	22 21 16 9	52 25 21 2	32 31 24 13	5 5 1 7	27 17 5 17	28 28 6 39	41 26 8 26
111	Father's Attendance at Religious Services-Late	Often Seldom Never ---	72 39 36	52 35 25	43 23 22	36 24 17	64 31 30	23 17 17	47 23 22	34 25 25	4 5 2	26 16 5	22 28 11	39 24 8
112	Mother's Attendance at Religious Services-Early	Often Seldom Never ---	127 25 12 2	102 26 5 11	76 15 7 1	71 18 3 8	103 21 11 0	46 17 2 3	76 16 8 0	68 25 3 4	14 3 0 1	51 8 1 6	78 17 0 6	77 12 2 9
113	Mother's Attendance at Religious Services-Late	Often Seldom Never ---	120 25 16 5	95 27 7 15	72 15 10 3	66 19 5 10	98 20 15 2	41 18 4 5	73 15 11 1	60 26 6 7	13 3 0 2	50 8 1 7	72 17 0 11	76 12 2 11
114	Conflict over Religion with Father	High Medium Low ---	1 3 153 9	0 6 119 19	1 2 92 5	0 4 83 13	1 3 127 4	0 3 58 7	1 2 94 3	0 4 85 10	0 0 14 4	0 3 52 11	0 0 78 22	0 5 79 17
115	Conflict over Religion With Mother	High Medium Low ---	2 9 154 1	3 10 125 6	3 5 93 1	1 7 87 4	2 8 124 1	0 5 61 2	1 6 92 1	0 7 90 3	0 0 18 0	3 5 55 3	0 0 100 3	5 8 83 5

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Clinical Interview Analysis

Item No.	Item	Rating	Total Group					Native Whites					Negroes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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			F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF

* Compare with #99

APPENDIX C
Clinical Interview Analysis

Item No.	Item	Rating	Total Group					Native Whites					Negroes				
			N	F	NF	%	P	N	F	NF	%	P	N	F	NF	%	P
213- Future Occupational Goal (cont'd)		Clerical Work Managerial Owned a Business Owned a Farm My Old Job School, then? Professional Stay in Military No Plans ---	1	8	1	6	.05	3	3	2	4	---					
			1	0	1	0	---	3	0	2	0	---					
			22	14	13	10	---	17	5	13	7	---					
			25	15	15	10	---	23	8	17	12	---					
			14	13	8	9	---	9	7	7	10	---					
			5	8	3	6	---	3	2	2	3	---					
			11	6	7	4	---	11	4	8	6	---					
			15	7	9	5	---	12	3	9	4	---					
			11	17	7	12	---	11	9	8	13	---					
			1	0	1	0	---	1	0	1	0	---					
Item No.	Item		Total Group					Native Whites									
			N	F	NF	%	P	N	F	NF	%	P	N	F	NF	%	P
E 'DOER SYNDROME' (continued)																	
209	Level of occupation discrepancy score from previous work to occupational goal		102	86	4.8	4.9	1.2	1.1	76	46	4.8	4.8	1.3	1.0			
210	Kind of occupation discrepancy score from previous work to occupational goal		130	107	3.4	3.3	1.8	1.7	100	57	3.5	3.0	1.8	1.7			

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Clinical Interview Analysis

Item No.	Item	Rating	Total Group				Native Whites				Negroes			
			F	NF	%	P	F	NF	%	P	F	NF	%	P
F HEALTH AND VITALITY														
55	Physical Coordination	Excellent Medium Poor ---	72 81 13 0	48 72 22 2	43 49 8 0	33 50 15 1	58 68 9 0	21 32 15 0	43 50 7 0	31 47 22 0	---	---	---	---
56	Participation in Sports	High Medium Low ---	66 63 35 2	40 69 31 4	28 38 21 1	.01 48 22 3	56 53 25 1	41 26 21 0	31 39 19 1	---	---	---	---	---
57	Type of Sports Most Preferred	Body Contact Other ---	80 57 29	44 64 36	31 34 17	.01 44 25	63 47 25	18 29 21	47 35 19	26 43 31	.05 ---	---	---	---
58	Health While Growing Up	Excellent Medium Poor ---	102 53 6 5	74 57 7 6	61 32 4 3	51 40 5 4	84 41 5 5	32 31 3 2	62 30 4 4	47 46 4 3	---	---	---	---
59	Childhood Illnesses	Had usual childhood illnesses Had a single serious illness Had a chronic illness	91 37 11	85 31 9	55 22 7	59 22 6	78 32 10	41 16 2	58 24 7	60 24 23	---	---	---	---
60														
61														
62	Vitality	High Medium Low ---	68 86 10 2	33 97 12 2	41 52 6 1	23 67 8 1	59 66 8 2	12 48 7 1	18 71 6 1	.001 .05 ---	---	---	---	---
G SOCIAL AND EDUCATIONAL HISTORY														
48	Subject's Behavior in school--grades	High Average Low ---	28 112 26 0	15 95 31 3	17 67 16 0	10 22 2 2	23 90 22 0	5 46 16 1	17 68 24 0	7 68 24 1	---	---	---	---

APPENDIX C
Clinical Interview Analysis

Item No.	Item	Rating	Total Group						Native Whites						Negroes						
			N	F	NF	%	P	N	F	NF	%	P	N	F	NF	%	P				
G SOCIAL AND EDUCATIONAL HISTORY (continued)																					
49	Involvement in School	High Medium Low ---	30 76 59 1	23 69 50 2	18 46 36 1	16 48 35 1	---	---	---	---	26 60 48 1	12 25 31 0	19 44 36 1	18 37 46 0	---	---	---	3 12 3 0	10 40 16 0	17 67 17 0	15 61 24 0
50	Social Tone in School	Positive Average Negative ---	79 55 32 0	51 63 27 3	48 33 19 0	35 44 19 2	.05 ---	---	---	---	66 43 26 0	19 34 14 1	49 32 19 0	28 50 21 1	.05 ---	---	---	10 6 2 0	29 26 11 0	56 33 11 0	44 39 17 0
51	Social Proficiency in School	High Medium Low ---	42 97 27 0	15 101 25 3	25 58 16 0	10 70 17 2	.001 ---	---	---	---	34 19 22 0	3 48 16 1	25 59 16 0	4 71 24 1	.001 ---	---	---	6 11 1 0	10 49 7 0	33 61 6 0	15 74 11 0
52	Social Conformity in School	High Medium Low ---	34 100 28 4	24 95 22 3	20 60 17 2	17 66 15 2	---	---	---	---	28 81 22 4	8 48 11 1	21 60 16 3	12 71 16 1	---	---	---	4 13 1 0	13 43 10 0	22 72 6 0	20 65 15 0
53	Parental Expectations as to Grades in School	Much Medium Little ---	36 119 10 1	31 93 16 4	22 72 6 1	22 65 11 3	---	---	---	---	39 98 6 1	14 44 8 2	22 73 4 1	21 65 12 3	---	---	---	5 10 3 0	15 43 8 0	28 56 17 0	23 65 12 0
54	Parental Expectations as to Ultimate Level of Achievement	Much Medium Little ---	63 92 11 0	44 81 15 4	38 55 7 0	31 56 10 3	---	---	---	---	50 77 8 0	23 36 7 2	37 57 6 0	34 53 10 3	---	---	---	10 6 2 0	19 39 8 0	56 33 11 0	29 59 12 0
63	Age of Childhood Associates	Younger Contemporary Older Adult ---	16 125 20 0 5	10 118 11 1 4	10 75 12 0 4	7 82 8 1 3	---	---	---	---	12 103 17 0 3	5 59 3 0 1	9 76 13 0 2	7 87 4 0 1	---	---	---	2 13 2 0 1	5 51 7 1 2	11 72 11 0 5	8 77 11 2 3

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Clinical Interview Analysis

Item No.	Item	Rating	Total Group				Native Whites				Negroes			
			N	F	NF	P	N	F	NF	P	N	F	NF	P
G SOCIAL AND EDUCATIONAL HISTORY (continued)														
205	Attitude toward pregnancy and children	Positive Indifferent Negative	33	23	20	16	27	12	20	16	3	10	17	15
			7	9	4	6	5	4	4	6	1	5	6	8
			2	5	1	3	1	2	1	3	1	3	6	5
			124	107	75	74	102	50	76	74	13	48	72	73
206	Marital Adjustment	Very good O.K. Not so Good Poor	28	19	17	13	21	11	16	16	4	7	22	11
			10	10	6	7	8	4	6	6	1	6	6	9
			2	3	1	2	2	0	1	0	0	3	0	5
			8	4	5	3	8	2	6	3	0	2	0	3
			118	108	71	75	130	51	71	75	13	48	72	73
207	Cross-Cultural Marriage	Yes No	2	2	1	1	2	1	1	1	0	1	0	2
			45	38	27	26	36	18	27	26	5	18	28	27
			119	104	72	72	97	49	72	72	13	47	72	71
208	Cross-Religious Marriage	Yes No	9	7	5	5	7	5	5	7	1	2	6	3
			38	33	23	23	31	14	23	21	4	17	22	26
			119	104	72	72	97	49	72	72	13	47	72	71
			Total Group				Native Whites							
Item No.	Item		N	F	NF	P	N	F	NF	P	N	F	NF	P
181-	Age in years at time of first sex		81	59	15.8*	14.3*	66	24	16.2	15.9	3.6	2.5		
182	experience													
194-	Subject's age in years at time of marriage		48	40	19.7**	20.6**	39	19	19.7	20.2	1.6	2.0		
195	Wife's age in years at time of marriage		47	40	18.3	18.7	39	19	18.5	19.3	2.2	4.7		
196-	Time in months that wife was known before marriage		47	40	27.0	35.9	38	19	29.3	30.2	24.3	27.4		
197	Length of engagement in months		46	37	7.9	8.1	37	19	7.9	8.3	8.1	11.4		
200-	Interval in months between marriage and wife's pregnancy		23	18	9.2	6.3	15	7	4.8	10.7	5.1	14.3		
201														
203-														
204														

*P $\geq$.01 **P $\geq$.05

APPENDIX C
Clinical Interview Analysis

Item No.	Item	Rating	Total Group						Native Whites						Negroes					
			N	F	NF	%	P	N	F	NF	%	P	N	F	NF	%	P			
G SOCIAL AND EDUCATIONAL HISTORY (continued)																				
64	Quality of Childhood Associates	High Average Delinquent	8	3	5	2	---	6	2	4	3	---	2	1	1	2	---			
			122	114	72	79	---	103	55	76	81	---	13	50	72	76	---			
			34	23	20	16	---	25	11	19	16	---	3	12	17	18	---			
			2	4	1	3	---	1	0	1	0	---	0	3	0	5	---			
65	Size of 'Gang'	Large Group Small Group Individual Isolate	44	32	26	22	---	37	17	27	25	---	3	14	17	21	---			
			92	68	55	47	---	74	34	55	50	---	12	28	67	42	---			
			26	34	16	24	---	21	14	16	21	---	2	18	11	27	---			
			4	7	2	5	---	3	2	2	3	---	1	5	6	8	---			
66	Position of Subject in his 'Gang'	Leader Variable Follower	0	3	0	2	---	0	1	0	1	---	0	1	0	6	---			
			30	22	18	15	---	22	12	16	16	---	4	9	22	14	---			
			112	92	67	64	---	94	40	70	59	---	12	45	67	68	---			
			16	21	10	15	---	13	14	10	21	---	1	7	6	11	---			
192	Marital Status of Subject	Married Single Separated Widower Divorced	8	9	5	6	---	6	2	4	3	---	1	5	6	8	---			
			12	37	25	26	---	33	18	24	26	---	5	17	28	26	---			
			118	103	71	71	---	96	49	71	72	---	13	47	72	71	---			
			3	2	2	1	---	3	0	2	0	---	0	2	0	3	---			
193	Number of Children Subject has	None 1 2 3 4 Not Married	0	0	0	0	---	0	0	0	0	---	0	0	0	0	---			
			3	1	2	1	---	3	1	2	1	---	0	0	0	0	---			
			14	9	8	6	---	14	5	10	7	---	0	3	0	5	---			
			18	13	11	9	---	12	6	9	9	---	2	7	11	11	---			
202	Where and How Married	Church Civil Ceremonies At Home Not Married	3	2	2	1	---	2	0	1	0	---	1	2	6	3	---			
			1	3	1	2	---	0	0	0	0	---	1	3	6	5	---			
			0	1	0	1	---	0	1	0	1	---	0	0	0	0	---			
			130	116	78	81	---	107	56	79	82	---	14	51	78	77	---			
		Church Civil Ceremonies At Home Not Married	28	21	17	15	---	26	10	19	15	---	0	9	0	14	---			
			17	15	10	10	---	11	8	8	12	---	4	7	22	11	---			
			2	4	1	3	---	2	1	1	1	---	0	3	0	5	---			
			119	104	72	72	---	96	49	71	72	---	14	47	78	71	---			

APPENDIX C
Clinical Interview Analysis

Item No.	Item	Rating	Total Group				Native Whites				Negroes			
			N	F	NF	P	N	F	NF	P	N	F	NF	P
H MISCELLANEOUS														
214	Life Influences	Miscellaneous	10	11	6	8	6	4	4	6	3	7	17	11
		The Army, Positive or Neutral Mention	28	18	17	12	25	10	19	15	1	6	6	9
		The Army, Negative Mention	9	8	5	6	7	3	5	4	0	5	0	8
		Commitment to a Relationship with a woman	10	7	6	5	9	5	7	7	0	1	0	2
		Termination of a Relationship with a woman	8	4	5	3	8	2	6	3	0	2	0	3
214	Life Influences	Unpleasant Experience, General	11	8	7	6	11	4	8	6	0	4	0	6
		Parental Guidance	12	15	7	10	10	6	7	9	1	7	6	11
		The Combat Experience	4	4	2	3	3	2	2	3	1	2	6	3
		An Ego Ideal other than parents	9	2	5	1	7	1	5	1	2	1	11	2
		Becoming independent before the Army	10	4	6	3	7	4	5	6	0	0	0	0
	Don't know, can't say	6	8	4	6	6	2	4	3	0	5	0	8	
			49	55	29	38	36	25	27	37	10	26	56	39

Results on the Life History Inventory

N's are as follows: Total Sample - 162 fighters; 137 nonfighters
 Native Born White - 131 " ; 65 "
 Negroes - 18 " ; 62 "

		Total Sample		Native Born Whites		Negroes	
Group	Item	%F	%NF	P	P*	P	P*
B. Social-Economic Level							
4.	Why did you quit going to school?						
a)	because I graduated	24	18				
b)	due to poor grades and lack of interest	13	7				
c)	to get a job and earn some money	31	50	.001		.05	.01
d)	to enter the Army	10	7				
e)	other	23	18				
18.	What was the financial situation of your family during most of your childhood?				.01		.05
a)	we were for the most part quite poor	6	7				
b)	we never had too much, but always managed to get by	48	59				
c)	we were quite comfortably fixed, though not rich	46	31	.01		.05	
d)	we were quite well to do	3	2				
32.	Which of the following classifications best describes your father's work during most of his life?						
a)	own business	36	17	.001		.01	
b)	skilled trade (machinist, printer, tool maker, etc.)	19	18				
c)	semiskilled trade (factory worker, etc.)	30	26				
d)	unskilled trade (truck driver, etc.)	11	18				
e)	professional (doctor, lawyer, teacher, etc.)	2	4				
51.	What is the largest amount of money you have ever owed anybody, bank, or loan company?					NS	NS
a)	virtually none	27	32				
b)	\$100 or less	18	12				
c)	\$100 to \$500	16	22				
d)	\$500 to \$1000	15	9				
e)	over \$1000	13	4	.01		.05	.05

*These P values are for 50-50 dichotomies of continuous variables, excluding cases marking more than one alternative.

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Group	Item	Total Sample		Native Born Whites		Negroes	
		%F	%NF	P	P*	P	P*
52.	Do you keep a budget of personal expense?				NS		NS
	a) I keep a budget most of the time	24	21				
	b) I have started a budget several times but have never stuck to it	12	20				
	c) I don't keep a regular budget	36	37				
	d) I don't believe in budgets	19	12				
53.	What is the largest amount of money you have ever owed a personal friend (do not include banks, etc.)				NS	.05	NS
	a) virtually none	26	26				
	b) \$50 or less	30	34				
	c) \$50 to \$100	20	9	.01		.01	
	d) \$100 to \$500	14	14				
	e) over \$500	4	4				
54.	Do you have a bank account in your own name? (Mark as many as apply)				.10		NS
	a) yes, I have a checking account at present	34	19	.01		.05	
	b) yes, I have a savings account at present	56	47				
	c) no, but I formerly had a savings	12	15				
	d) no, but I formerly had a checking account	6	6				
	e) no, I never had a checking or a savings account	10	17				
55.	How old were you when you first put money into a bank account of some sort?				.01	.05	NS
	a) during my grammar school years	32	29				
	b) during my high school years	26	13	.01		.05	
	c) after getting out of high school	22	26				
	d) I pay as I go, I have no bank account	12	25	.01			
60.	How many people are dependent on you (in whole or in part) for financial support? (such as parents, wife, etc.)				.05		NS
	a) none	44	34				
	b) 1 person	19	21				
	c) 2	22	19				
	d) 3	6	9				
	e) 4 or more	4	15	.01		.05	

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Group	Item	Total Sample		Native Born Whites		Negroes	
		%F	%NF	P	P*	P	P*
78.	When in school about how much money did you earn per week on the side?				.05	.02	NS
a)	almost none	12	18				
b)	\$2.00	2	7				
c)	\$5.00	15	16				
d)	\$10.00	18	20				
e)	over \$10.00	46	37			.05	
85.	How much of your present salary or income did you spend on personal recreation per week before entering the Army?				NS	NS	NS
a)	less than \$1.00	4	7				
b)	\$1-2	1	6	.05			
c)	\$3-5	9	16				
d)	\$5-10	30	20	.05		.05	
e)	over \$10.00	51	45				
94.	What was the largest number of people you ever supervised on a civilian job?				.01	.02	NS
a)	none, I never had the opportunity	28	37				
b)	1	2	3				
c)	2 or 3 people	19	23				
d)	4 to 10 people	22	15				
e)	more than 10 people	22	15				
95.	How many different paid (whole or part time) jobs have you had since you were 12. Do not include Army experience.				.01	NS	NS
a)	none	4	7				
b)	1 or 2	17	31	.01			
c)	2 to 5	48	36	.05			
d)	6 to 10	17	15				
e)	above 10	10	7				
98.	At what age did you have your first part-time (less than 40 hrs. per week) job? If you worked on your parent's farm, count that as a part-time job.				NS	.05	NS
a)	under 10 years	19	17				
b)	10 to 12 years	27	18	.05			
c)	13 to 15 years	28	30				
d)	16 to 18 years	22	22				
e)	19 years or older	2	4				
f)	never had a part time job before I came into the Army						

Group	Item	Total Sample		Native Born Whites		Negroes	
		%F	%NF	P	P*	P	P*
99.	At what age did you have your first full time (40 hrs. pers week or more) job?				NS		NS
	a) under 15 years of age	14	9				
	b) 16 to 18 years	62	58				
	c) 19 to 21 years	17	20				
	d) 22 to 24 years	1	2				
	e) 25 years or older	0	0				
	f) never had a full time job before I came into the Army	6	6				
100.	How many full time (40 hrs. per week or more) jobs have you had between the time you left school and the time you entered the Army?				NS		NS
	a) 2 or less	57	48				
	b) 3 to 5	27	31				
	c) 5 to 10	6	6				
	d) over 10	4	5				
C. Home Environment							
1.	In your family you are						
	a) the oldest	17	28	.05		.05	
	b) the youngest	22	25				
	c) the only child	7	10				
	d) other	52	36	.01			
13.	Which applies?						
	a) your parents were both alive when you were 18	74	68				
	b) your mother died when you were less than 18 years of age	4	7				
	c) your father died when you were less than 18 years of age	13	22	.05		.05	
	d) your parents were dead by the time you were 18	1	3				
14.	As far as personality goes, people would probably say that you take after						
	a) your mother	38	40				
	b) your father	45	42				
	c) actually, neither	19	16				
15.	To which, if any, of these organizations did your father belong while you were growing up?						
	a) hunting or fishing club	28	25				
	b) country or athletic club	9	9				
	c) neighborhood club	11	14				
	d) bowling club	6	5				
	e) drinking club	7	8				

Group	Item	Total Sample		Native Born Whites		Negroes	
		%F	%NF	P	P*	P	P*
16.	How many living brothers and sisters have you?				NS		NS
	a) none	7	7				
	b) one	12	13				
	c) two or three	29	30				
	d) four or more	51	45				
17.	During your high school years how often did you disagree with your parents (or guardians)?				.10		NS
	a) almost never	31	35				
	b) occasionally we had differences but not very often	44	32	.05			
	c) frequently disagreed	7	5				
	d) was a great deal of bickering and fighting	3	3			.05	
19.	When it came to discipline, my mother						
	a) was too easy with me	15	15				
	b) scolded a lot but didn't really mean it	12	18				
	c) was really very strict	12	18				
	d) handled things just about perfectly	61	43	.01		.01	
30.	To which, if any, of the following organizations did your father belong while you were growing up?						
	a) parent-teacher's association	19	13				
	b) church group	25	22			.05	
	c) fraternal or civic organization (Elks, Lions, Rotaries)	20	14				
	d) veterans organization	9	9				
	e) none of these	46	45				
31.	To which, if any, of the following organizations did your father belong while you were growing up?						
	a) farmers' association	23	18				
	b) professional, trade, or management association	8	4				
	c) labor union	31	32				
	d) political club	8	3				
	e) none of these	36	37				
33.	When it came to discipline, my father						
	a) usually ran the family with a firm hand	28	18	.05			
	b) tended to let mother do the disciplining	13	17				
	c) entered in equally with mother in running things	51	53				

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Group	Item	Total Sample		Native Born Whites		Negroes	
		%F	%NF	P	P*	P	P*
56.	During high school how often did you get into disagreements with your parents (or guardians)?				NS		NS
a)	we rarely agreed	7	14			.05	
b)	we disagreed fairly frequently	4	9				
c)	we disagreed occasionally	30	20	.05			
d)	I almost never had any disagreements with my parents' wishes	48	45				
58.	How large was the place in which you grew up?						
a)	a farm or ranch	28	24				
b)	a small town of less than 10,000	29	22				
c)	a small city of from 10,000 to 100,000	20	23				
d)	in or near a large city	23	27				
e)	we moved so much--it would be hard to say	5	5				
93.	As far as my choosing a career or occupation, my parents . . .				.001	.10	
a)	weren't interested and didn't care	2	4				
b)	were interested, but pretty well let me decide for myself	85	66	.001		.01	
c)	had pretty set ideas on what they wanted me to be	10	19	.05			
d)	have insisted I go into a job of their choosing	3	7				
D. Religion							
20.	When it came to religion, my father						
a)	was extremely religious	10	12				
b)	was quite interested and attended church often	35	28			.05	
c)	wasn't much interested	24	22				
d)	was more religious than my mother	4	3				
e)	let me pretty well decide for myself on participating	33	26				
21.	When it came to religion, my mother						
a)	was extremely religious	24	23				
b)	was quite interested and attended services regularly	43	39				
c)	wasn't much interested	5	2				
d)	let me pretty well decide for myself on participating	22	19				
e)	was more religious than my father	23	25				

Group	Item	Total Sample		Native Born Whites		Negroes	
		%F	%NF	P	P*	P	P*
74.	Did you attend church during your high school years?				NS		
	a) yes, quite regularly	55	54			.05	.10
	b) occasionally	25	26				
	c) almost never	12	11				
E. The "Doer" Syndrome							
3.	What were you doing before you entered the Army?						
	a) going to school	12	13				
	b) working at a regular job	78	70				
	c) working at a temporary job	6	12				
	d) just waiting	1	2				
	e) taking a vacation	4	4				
34.	How many of the following had you done by the time you were 18?						
	a) written a check	45	18	.001		.001	
	b) gone alone on an overnight trip to a strange city	67	57			.05	
	c) made a long distance phone call	64	47	.01		.01	
	d) taken care of a garden	57	35	.001		.001	
	e) none of these	9	21	.01		.01	
38.	Which, if any, of the following sports do you enjoy when you have time?						
	a) folk dancing	29	33				
	b) target shooting	57	40	.01			
	c) poker	46	32	.05			
	d) bridge	5	3				
	e) chess	7	8				
39.	Which, if any, of the following sports do you enjoy when you have time?						
	a) racing (auto, motor boat, etc.)	55	34	.001		.05	
	b) dancing	50	50				
	c) hiking	16	8	.05			
	d) track and field	20	17				
	e) bowling	42	32				
40.	Which, if any, of the following sports do you enjoy when you have time?						
	a) football (touch)	30	28				
	b) football (tackle)	56	42	.05		.05	
	c) fishing	64	47	.05			
	d) skiing or tobogganing	22	15				
	e) boxing	38	44				

Group	Item	Total Sample		Native Born Whites		Negroes	
		%F	%NF	P	P*	P	P*
41.	Which, if any, of the following sports do you enjoy when you have time?						
a)	golf	15	17				
b)	tennis	15	12				
c)	baseball	70	69				
d)	ice hockey	17	10				
e)	swimming	72	57	.01		.01	
42.	When you are home and have some free time, what do you like to do?						
a)	play a little poker with friends	28	20				
b)	read a book or magazine and listen to records	46	47				
c)	take in a good movie	63	68				
d)	get out and get a little exercise	27	22				
e)	work on our place (in the garden, repair furniture, put up a fence, etc.)	39	26	.05			
43.	How many of the following had you done by the time you were 18?						
a)	played a musical instrument	19	22				
b)	skied or ice skated	48	20	.001		.05	.01
c)	gone tobogganing	25	14	.05			
d)	gone on a wild necking party	51	40				
e)	owned a car	60	47	.05			
44.	How many of the following had you done by the time you were 18?						
a)	played ping pong	60	45	.01		.05	
b)	ridden horseback	83	54	.001		.01	.05
c)	played hockey	28	14	.01		.05	
d)	gone on a hunting trip	79	47	.001		.001	.05
e)	bought your own clothes	91	79	.01	.05		
45.	How many of the following had you done by the time you were 18?						
a)	played bingo	74	61	.05			
b)	shot craps	48	35	.05		.05	
c)	played cards	73	55	.01		.05	
d)	shot pool	75	61	.01			
e)	gotten really drunk	40	28	.05			
46.	In which, if any, of the following sports did you ever make a first or second string high school team?						
a)	football	40	29	.05		.001	
b)	basketball	37	34				
c)	baseball	41	42				
d)	swimming	20	13				
e)	other	13	15				

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Group	Item	Total Sample		Native Born Whites		Negroes	
		%F	%NF	P	P*	P	P*
47.	Which, if any, of the following hobbies have you had?						
a)	chemistry	10	9				
b)	cartooning	4	12	.05		.001	
c)	stamp, coin, or insect collecting	17	19				
d)	acting	9	8				
e)	writing	12	23	.05			
48.	Which, if any, of the following hobbies have you had?						
a)	model plane making	36	26				
b)	public speaking, debating	5	6				
c)	astronomy	2	1				
d)	working on old cars, hot rods, etc.	57	45	.05			
e)	painting	20	39	.001		.01	
49.	Which, if any, of the following hobbies have you had?						
a)	music	20	28				
b)	cooking	12	23				
c)	carpentry or shop work	51	29	.001		.05	.05
d)	radio, electrical gadgets, etc.	19	12				
e)	horse racing	27	12	.01		.05	.01
50.	How many, if any, of the following things had you done by the time you were 18?						
a)	ground the valves of a car	40	23	.01		.05	
b)	operated a tractor or bulldozer	54	37	.01			
c)	painted or prepared a room	51	47				
d)	mended the cord of an electric appliance	48	31	.01			
e)	driven a motorcycle	50	28	.001		.01	
57.	During your last few years when you lived home (with your parents or guardians) how much time did you spend on family duties - washing dishes, mowing lawn, farm work, etc?				NS	NS	NS
a)	no time	12	10				
b)	1 or 2 hours a week	8	18	.05			
c)	3 or 4 hours a week	15	9				
d)	5 or 6 hours a week	11	14				
e)	7 or more hours a week	50	45				
73.	How old were you when you first went alone on a trip of over 100 miles?				NS	NS	NS
a)	less than 5	8	4				
b)	6 to 12	19	23				
c)	13 to 20 (not including Army travel)	67	61				
d)	in the Army	7	12				

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		Total Sample				Native Born Whites		Negroes	
Group	Item	%F	%NF	P	P*	P	P*	P	P*
86.	How old were you when you learned to use a gun of .22 calibre or larger?				.001		.001		.05
a)	less than 8	13	5	.05				.05	
b)	8-10	33	15	.001		.001			
c)	11-15	33	40			.05			
d)	16-20 (not including the Army)	13	17						
e)	in the Army	7	20	.01		.05			
89.	How old were you when you learned to swim?				.001		.05		NS
a)	less than 8	36	15	.001		.05		.05	
b)	9-12	31	31						
c)	13-18	16	21						
d)	over 18	1	3						
e)	never learned	14	27	.01		.05			
96.	At what age did you leave home and go out on your own, that is, live away from home and earn your own way?				.02		.02		NS
a)	under 15 years	9	7						
b)	16 to 18 years	29	25						
c)	19 to 21 years	22	13	.05					
d)	22 years or older	1	2						
e)	lived at home until I entered the Army	38	50	.05		.05			
97.	Why did you leave home and go out on your own when you did?								
a)	had to help support the family or by leaving, made it easier for the family financially	15	26	.05					
b)	wanted to be on my own - wanted more freedom	20	17						
c)	if some other reason, explain:	35	19	.01		.05			
102.	How did you enter the Army?								
a)	drafted	69	72						
b)	enlisted to avoid the draft	1	7	.05					
c)	enlisted	28	15	.05					
d)	recalled from the reserve	1	1						
F. Health and Vitality									
5.	Which, if any, of the following have you had?								
a)	measles	79	71						
b)	mumps	67	55	.05				.01	
c)	chickenpox	52	50						
d)	whooping cough	53	46						
e)	none of the above	7	12						

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Group	Item	Total Sample		Native Born Whites		Negroes	
		%F	%NF	P	P*	P	P*
6.	Which, if any, of the following have you had?						
	a) a stutter or stammer	7	2	.05			
	b) frequent diarrhea	3	1				
	c) nervousness	31	32				
	d) polio	1	2				
	e) trembling which you couldn't control very well	13	19				
7.	Which, if any, of the following have you had?						
	a) heart condition	4	9				
	b) gall bladder trouble	1	2				
	c) kidney trouble	14	16				
	d) ulcers	2	1				
	e) nervousness	36	37				
8.	Which, if any, of the following have you had?						
	a) rheumatic fever	3	3				
	b) scarlet fever	10	11				
	c) fits or convulsions	4	3				
	d) frequent stomach upsets	17	20				
	e) back pains	25	40	.01			
9.	Which, if any, of the following have you had?						
	a) arthritis	1	2				
	b) appendicitis or similar operation	14	9				
	c) chronic backache	8	8				
	d) severe continuing headaches	17	24				
	e) none of the above	58	47				.05 (reversed)
10.	Which, if any, of the following have you had?						
	a) sinus condition	10	7				
	b) asthma	5	1				
	c) pneumonia	19	9	.05		.01	.05
	d) tuberculosis	1	1				
	e) none of the above	59	62				
61.	When it comes to enduring hardship and roughing it . . .						
	a) I can take it much better than the average person	31	16				
	b) I'm about average with other men my age	62	64				
	c) I'm a little below average in taking it	2	9			.01	
	d) it's quite a trial for me	4	10	.05			

Group	Item	Total Sample		Native Born Whites		Negroes	
		%F	%NF	P	P*	P	P*
62.	My general health has usually been....				.001		.001
a)	excellent	40	26	.05		.01	
b)	above average	24	16				
c)	average	26	50	.001		.001	
d)	below average	3	7				
e)	quite poor	3	0				.01
63.	How old were you when you first began to smoke?				NS		NS
a)	under 9	4	4				
b)	9-12	6	11				
c)	between 12 and 16	25	23				
d)	between 16 or older	43	44				
e)	I don't smoke	17	18				
64.	How much do you usually smoke?				NS		NS
a)	almost never	17	15				
b)	1/2 pack a day	17	20			.05	
c)	1 pack a day	30	37				
d)	1 and 1/2 pack a day	16	16				
e)	2 or more a day	9	7				
65.	At what age did you stop wetting the bed?				NS		NS
a)	before 3	53	49				
b)	3-5	23	18				
c)	between 5 and 7	8	9				
d)	7-9	7	5			.05	
e)	after 9	4	15	.01		.01	
66.	In a list of 100 typical men of your own age where would you rank as to all-around physical ability?				.01		.05
a)	excellent	7	4				
b)	above average	29	15	.01			
c)	average	54	60	.05		.05	
d)	below average	4	4				
e)	very poor	2	5				
67.	In regards to drinking (beer, wine, whiskey, etc.)				NS		NS
a)	I almost never drink alcoholic beverages	15	22				
b)	I drink very little, then only socially	33	33				
c)	I drink, probably an average amount	31	24				
d)	I drink a great deal, but I doubt if I over do it	15	12				
e)	drinking is really a problem for me	4	6				

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Group	Item	Total Sample		Native Born Whites		Negroes	
		%F	%NF	P	P*	P	P*
68.	How much time during the last 12 months have you lost because of sickness?				NS		NS
a)	none	59	57				
b)	1 day or less	8	12				
c)	2 to 4 days	13	12				
d)	5 to 9 days	9	3			.05	
e)	10 days or more	10	16				
69.	Throughout childhood my health was				.01		.01
a)	excellent	30	20	.05		.05	
b)	good	44	42				
c)	average	20	31	.05		.05	
d)	below average	2	7	.05			
e)	quite poor	2	1			.05	
70.	I have been occsionally troubled by						
a)	constipation	4	9				
b)	nightmares	14	18				
c)	sweating on cool days	10	12				
d)	feeling tired all the time	19	31	.05		.001	
e)	allergies (hayfever, skin rashes, etc.)	9	9				
71.	How many hours would you <u>like</u> (on the average) to sleep per night?				.10		NS
a)	4 or less	1	0				
b)	5 or 6	7	3				
c)	7 or 8	61	55				
d)	9 or 10	28	34				
e)	11 or more	3	8				
72.	On the average, how many hours do you get to sleep at night?				NS		NS
a)	4 or less	1	5				
b)	5 or 6	43	42				
c)	7 or 8	52	45				
d)	9 or 10	4	4				
e)	11 or more	0	2				
		M _F	M _{NF}	P	M _F	M _{NF}	P

Height (inches)

70.04 69.07 .01 70.21 69.78 .001 69.3 69.7 -

Weight (pounds)

170 162 .001 166 157 .001 163 161 -

		Total Sample		Native Born Whites		Negroes	
Group	Item	%F	%NF	P	P*	P	P*
G. Social and Educational History							
2. What type of high school education did you have?							
	a) college preparatory course	19	12				
	b) commercial course	18	15				
	c) agricultural course	13	13				
	d) trades (auto shop, carpentry, etc)	28	27				
	e) technical course (pre-engineering)	5	5				
22. When you were in grade school or high school, where did you study or visit with your friends?							
	a) my friends usually came to my house	12	21	.05			
	b) I usually went to friends' houses	8	13				
	c) I usually studied or played alone	13	12				
	d) sometimes I went to their houses and sometimes they came to mine	67	54	.05		.05	
	e) we lived too far away to visit	4	7				
24. What is your greatest personality weakness?							
	a) let other people push you around and take advantage of you	8	11				
	b) sometimes having difficulty getting along with people	12	19				
	c) saying the wrong thing at the wrong time	18	12				
	d) being too easy going, lacking enough drive	28	27				
	e) forgetting people's names	36	22	.01		.05	
25. Which way would other people be most likely to describe you (check more than one if necessary)							
	a) popular and lots of fun	44	44				
	b) drive, determination, will power	18	14				
	c) sensitive and understanding	43	36				
	d) practical and efficient	26	13	.01		.01	
	e) somewhat serious and intellectual	17	25				
26. During my last years of high school							
	a) I almost never went out with girls	7	8		.05		NS
	b) I dated only occasionally	16	7	.05		.05	
	c) I tended to go steady with one girl at a time	31	31				
	d) I dated quite a few girls frequently	36	45				

		Total Sample		Native Born Whites		Negroes	
Group	Item	%F	%NF	P	P*	P	P*
27.	When it came to joining clubs, making the team, and doing what I wanted to (in high school)				.02		.02
a)	I found I could do it very easily	69	53	.01		.01	
b)	I found it very difficult	8	10				
c)	I tried very hard and failed sometimes	10	16				
d)	I rarely succeeded	4	8				
28.	When at parties . . .				NS		NS
a)	I like to organize games and activities	27	31				
b)	I join in but don't usually organize games and activities	49	36	.05			
c)	I like to sit and watch	20	26				
d)	I usually get quite bored	6	4				
35.	I have, at one time, read the following magazines regularly						
a)	Popular Mechanics (or Popular Science, etc.)	54	35	.001			
b)	Post, or Colliers	59	39	.001		.01	
c)	Life Magazine	75	77				
d)	Time Magazine	50	44				
e)	Pic, Laff	23	13	.05			
36.	I have, at one time, read the following magazines regularly						
a)	Esquire	41	34			.05	
b)	Readers' Digest	66	58				
c)	Argosy, Stag (or other men's magazines)	42	28	.05			
d)	Atlantic Monthly or Harper's	9	7				
e)	Superman comics	44	47				
37.	During my teens I usually spent my summer vacations						
a)	working part or full time	67	58				
b)	going away to camp	2	6				
c)	loafing around home and generally taking it easy	13	18				
d)	going someplace on a vacation	25	25				
59.	Politically how would other people describe you?						
a)	quite liberal	15	29	.01			.03
b)	liberal	16	11				
c)	"middle of the roader"	10	8				
d)	conservative	17	10				
e)	not interested in politics	38	31				

Group	Item	Total Sample		Native Born Whites		Negroes	
		%F	%NF	P	P*	P	P*
75.	How many times did you change schools before you were 16 years of age (other than by graduation)?				NS		NS
a)	once or less	50	53				
b)	2 or 3 times	25	23			.05	
c)	4 or 5 times	12	12				
d)	6 or more times	4	1				
76.	How old were you when you graduated from high school?				NS		NS
a)	15 or under	2	6				
b)	16	9	9				
c)	17	16	8	.05			
d)	18	19	19				
e)	19	8	9				
77.	During the last year in school what was your average grade?				NS		NS
a)	excellent	4	5				
b)	above average	19	11				
c)	average	62	65				
d)	below average	10	11				.05 (NF)
e)	failing	2	4				.05 (F)
79.	In general how did you get along with your teachers in school?				NS		NS
a)	very well	52	58				.05
b)	fairly good	28	28				.05 (NF)
c)	so-so (average)	14	9				
d)	some difficulty	5	3				
e)	we didn't get along at all	2	4				
80.	How good a job did <u>your</u> school teachers do in explaining things to you?				.05		NS
a)	to be honest, they did a pretty poor job	14	10				
b)	no better or worse than any other teachers	26	18				
c)	actually, they explained things pretty well	46	52				
d)	excellent	13	17				
81.	When in high school usually how many evenings a week did you go out (for recreation or visiting of any kind)?				NS		NS
a)	hardly any	6	15	.05			
b)	1	1	9	.01		.01	
c)	2	12	17				
d)	3	31	18	.01		.01	
e)	4 or more	36	31				

Group	Item	Total Sample		Native Born Whites		Negroes	
		%F	%NF	P	P*	P	P*
82.	How often did you go to the movies before you entered the Army?				NS	.10	NS
	a) scarcely ever	2	4				
	b) about once a month	6	7				
	c) about once every week or two	36	35				
	d) more than once or twice a week	41	28	.05		.05	
	e) 3 or more times a week	15	26	.05			
83.	How many books have you borrowed from the library during your last two years as a civilian?				NS	NS	NS
	a) 0	49	52				
	b) 1-4	18	14				
	c) 5-10	9	15				
	d) 10-20	6	7				
	e) over 20	12	5	.05			
84.	When of high school age, how many times a week did you have dates or go out with girls?				NS	.05	
	a) once a month	13	9				
	b) once a week	17	16				
	c) 2-3 times a week	39	47				
	d) 4 or more times a week	21	20				
87.	How much time do you usually spend reading newspapers?				NS	NS	NS
	a) almost none	7	11			.05	
	b) 10 minutes	11	15				
	c) 20 minutes	29	25				
	d) 30 minutes	32	23				
	e) 1 hr. or over	20	26				
88.	Among the people you know, where do you estimate you stand as an entertainer and leader in conversation and social affairs?				NS	.10	NS
	a) at the top or among the few best	2	2				.05 (F)
	b) better than average	17	15				
	c) just average	57	60				
	d) not very high	14	18				
	e) probably rather low	8	6				
90.	What was the highest grade you reached in the Boy Scouts of America				NS	NS	NS
	a) I did not belong to the Boy Scouts	54	48				
	b) tenderfoot or second class scout	19	16				
	c) first class or star scout	10	13				
	d) life scout	1	4				
	e) eagle scout	4	1				

Group	Item	Total Sample		Native Born Whites		Negroes	
		%F	%NF	P	P*	P	P*
91.	How many times during high school and/or college have you held a position as president, captain, or chairman of any clubs, teams, committees or study groups?				NS		NS
a)	0	42	37				
b)	1	13	13				
c)	2	13	15				
d)	3	7	8				
e)	4 or more	10	9				
92.	During your last two years of high school, how many hours a week, both in and out of school, did you spend on athletics?				.01		.05
a)	almost none	13	18				NS
b)	up to 4 hours	14	25	.05			
c)	5 to 10 hours	23	15				
d)	more than 10 hours	29	20				
105.	Did you have any extra special buddies in the squad during that last month on the line?						
a)	yes, I had one or two fellows who I was especially buddy-buddy with	44	43				
b)	no, all the fellows were about the same to me	53	51				
106.	How did you get along with the majority of the men in your squad during that last month on the MLR?				.02		.05
a)	I got along swell with most of the men in my squad.	85	74	.05		.05	
b)	I got along fairly well with most of the men in my squad.	10	18	.05		.05	
c)	I got along poorly with most of the men in my squad.	0	4	.05			
H. Miscellaneous							
103.	How many men were in your squad during the last month the squad was up on the MLR. (Count KATUSAS)				.001		.10
a)	less than 4 men	1	3				
b)	5 to 7 men	12	17				.05 (F)
c)	8 to 10 men	31	39				
d)	more than 10 men	37	32				.05 (F)
e)	I was not in a squad	22	6	.001		.05	

Group	Item	Total Sample		Native Born Whites		Negroes	
		%F	%NF	P	P*	P	P*
107.	How long were you a member of your squad up on the MLR before you were involved in a fire fight?				NS		NS
a)	less than 5 days	30	28				
b)	6 to 10 days	18	14				
c)	10 to 30 days	20	19				
d)	more than 1 month	25	27				
108.	How long were you a member of your platoon up on the MLR before you were involved in a fire fight?				NS		NS
a)	less than 5 days	28	27				
b)	6 to 10 days	17	18				
c)	10 to 30 days	22	19				
d)	more than 1 month	31	28				

APPENDIX E

Results on Objective Tests

	Total Group					Native Whites					Negroes						
	N	M	U	t	P	r _{bias}	N	M	U	t	P	N	M	U	t	P	
1 BOOK PREFERENCES #Items or Trials																	
1.1	Drug addiction vs. 'Happy-go-lucky'	13	F	164	6.60	2.64	1.60	.12	133	6.56	2.57	1.55	18	7.28	3.14	1.34	
			NF	137	6.10	2.74			66	5.91	2.92		62	6.19	2.57		
1.2	Gangsters vs. 'Horatio Alger'	12	F	164	7.08	2.62	3.06	.01	.22	133	7.20	2.61	1.36	18	6.06	2.53	0.93
			NF	137	6.16	2.61			66	6.62	2.95		62	5.45	2.09		
1.3	Questionable preferences (1.1+1.2)	25	F	164	13.78	4.25	2.98	.01	.22	133	13.84	4.07	1.83	18	13.33	5.19	1.28
			NF	137	12.26	4.52			66	12.53	5.04		62	11.65	3.95		
2 ENCYCLOPEDIA INFORMATION TEST																	
2.1	Willingness to take a chance in ans. ques.	20	F	156	6.32	2.31	0.38	.03	127	63.56	23.95	1.16	16	60.63	14.89	0.42	
			NF	124	6.20	2.63			58	59.22	23.45		57	62.91	29.32		
2.2	Incorrectness in answers		F	156	0.63	0.25	2.20	.05	.17	127	0.61	0.80	1.30	16	0.75	0.68	1.07
			NF	124	0.88	1.06			58	0.79	0.89		57	1.00	1.21		
3 ESTIMATION OF TIME REQUIRED																	
3.1	Scatter in other referent time estimates	10	F	156	0.93	0.28	2.11	.05	.16	129	89.95	26.17	2.39	14	98.57	35.67	0.05
			NF	122	1.00	0.29			63	100.08	28.30		51	97.98	30.79		
3.2	Scatter self referent time estimates	10	F	163	1.02	0.21	2.23	.05	.16	132	102.70	21.73	1.65	18	97.39	22.36	1.70
			NF	136	1.08	0.26			66	109.59	30.26		61	107.51	21.54	.10	
3.3	Low amount considered possible in given time for others	10	F	158	2.62	0.49	2.40	.05	.18	131	257.68	49.21	1.22	14	285.93	52.86	0.10
			NF	125	2.77	0.51			64	266.89	49.78		53	287.53	53.58		
3.4	Low amount considered possible in given time for self	10	F	164	3.21	0.38	0.69	.05		133	32.07	3.59	0.55	18	31.61	5.16	0.40
			NF	136	3.18	0.46			66	32.38	3.81		61	31.05	5.46		
3.5	Scatter in other referent time estimates over self estimate	20	F	155	0.95	0.31	0.66	-.05		128	91.27	29.20	1.02	14	111.71	43.17	1.38
			NF	122	0.99	0.56			63	100.92	72.26		51	94.47	33.40		

APPENDIX E

APPENDIX E

	Total Group					Native Whites					Negroes						
	N		M		P	N		M		P	N		M		P		
	11	12	13	14		15	16	17	18		19	20	21	22			
3 ESTIMATE OF TIME REQUIRED (con'd)																	
3.6	Low amount considered possible in given time for others/self	20	F	156	0.83	0.18	1.97	.05	15	129	81.15	16.52	0.89	14	93.86	29.15	0.34
			NF	124	0.87	0.20				64	83.55	18.08		52	91.02	21.29	
3.7	Scatter in other referent time estimates plus self estimate	20	F	155	1.94	0.37	2.66	.01	21	132	194.62	46.48	2.64	18	186.56	60.40	0.56
			NF	122	2.07	0.44				66	220.55	72.65		60	195.53	58.02	
4 RIDDLES																	
4.1	Ability to handle surprises: Riddles	30	F	164	0.31	0.16	3.65	.001	26	133	324.05	166.64	1.37	18	186.94	109.50	0.13
			NF	139	0.23	0.18				66	283.52	209.88		64	182.63	142.18	
5 TRUE OR FALSE STATEMENTS																	
5.1	Agreement with platitudinous thinking	30	F	164	14.02	4.64	0.60	-.04		133	14.05	4.49	0.67	18	11.78	5.54	1.69
			NF	138	14.35	4.77				66	14.49	4.34		53	14.24	5.08	
6 STATEMENTS																	
6.1	Unreflective acceptance of unequal state.	40	F	164	25.73	7.89	2.59	.01	18	133	25.50	7.89	2.89	18	25.61	7.41	0.90
			NF	138	27.97	7.16				66	28.58	6.62		63	27.41	7.59	
7 DETECTION OF ASSUMPTIONS																	
7.1	Ability to state assumptions: %	14	F	163	45.87	16.65	3.54	.001	25	132	46.92	16.71	1.46	18	35.61	14.16	0.39
			NF	135	38.88	17.26				64	43.14	17.09		62	34.08	16.53	
8 DIRECTION OF PERSONAL ABILITY																	
8.1	Level of experience in personal ability: %	28	F	151	19.32	12.82	0.76	-.06		125	19.63	13.01	0.51	15	20.13	14.59	0.71
			NF	113	20.65	14.90				60	18.57	13.34		48	23.33	16.89	
8.2	Self-confidence regarding unified perform.		F	155	70.65	31.25	0.73	.06		128	71.49	31.19	0.86	14	69.57	36.59	0.12
			NF	117	67.69	14.27				59	67.42	29.28		50	68.22	41.59	

N

APPENDIX E

	Total Group						Native Whites						Negroes					
	N	M	σ	t	P	r_{bis}	N	M	σ	t	P	N	M	σ	t	P		
8 DIRECTION OF PERSONAL ABILITY (cont'd)																		
8.3	High estimate of personal prowess	F	150	25.85	18.55	0.24	-.02	125	26.14	18.87	0.71	14	29.14	20.35	0.04			
		NF	115	26.43	19.69	60		24.08	18.17	50	29.40	21.83						
9 HIDDEN WORDS																		
9.1	Low rigidity: Hidden Words	F	163	20.71	8.34	2.60	.01	.19	132	21.37	8.57	0.91	18	15.06	6.01	0.34		
		NF	138	18.20	8.37	66	20.26		7.93	63	15.65	8.19						
10 PREFERENCE FOR WRITING																		
10.1	Poetic Aptness: %	F	164	30.46	9.44	0.48	.03	133	30.68	9.57	0.10	18	28.06	10.28	0.63			
		NF	138	29.96	8.68	66		30.55	8.12	63	29.76	9.50						
11 REMARKS A AND B																		
11.1	Tendency to check obvious remarks	F	164	16.10	7.14	3.48	.001	-.25	133	15.59	6.57	2.84	18	19.50	8.35	0.08		
		NF	137	19.32	8.64	66	19.09		8.75	62	19.68	8.63						
11.2	Extremity of response to obvious remarks	F	164	20.95	7.07	0.78	-.06	133	20.65	6.94	1.09	18	20.56	6.90	0.57			
		NF	137	21.64	8.14	66		21.88	7.73	62	21.68	8.48						
11.3	Agreement with obvious remarks	F	164	2.39	1.49	2.33	.05	-.18	133	237.54	149.40	1.77	10	18	262.33	182.09	0.63	
		NF	137	3.23	3.99	66	347.96		496.81	62	298.45	295.20						
11.4	Agreement with platitudes	F	164	1.78	3.15	3.27	.01	-.25	133	154.26	225.11	2.34	18	345.94	684.60	0.08		
		NF	137	3.69	6.23	66	360.74		697.70	62	360.65	503.81						
12 JUDGMENT OF HUMAN NATURE																		
12.1	Low pessimism over doing good	F	163	19.05	7.52	2.45	.05	.18	132	19.80	7.31	0.85	18	15.17	8.26	0.28		
		NF	137	16.87	7.64	65	18.89		6.96	63	14.54	8.11						
12.2	Tendency to agree (difference score)	F	163	6.38	5.86	1.14	-.08	132	6.05	5.66	0.06	18	7.17	6.21	0.63			
		NF	137	7.22	6.70	65		6.11	6.36	63	8.25	7.05						
12.3	Tendency to agree (ratio)	F	163	1.35	1.55	1.78	-.13	132	125.24	146.63	0.41	18	184.28	216.12	0.47			
		NF	137	1.70	1.76	65		132.31	92.88	63	211.70	231.89						

APPENDIX E

	Total Group						Native Whites						Negroes					
	N	M	σ	t	P	r _{bis}	N	M	σ	t	P	N	M	σ	t	P		
13 ASSOCIATIONS																		
13.1 Anterersion/ retroversion	F 163	1.21	0.91	2.45	.05	.18	132	124.46	94.08	1.42		18	108.22	90.91	0.69			
	NF 136	0.97	0.77				65	104.80	89.62			63	92.57	58.73				
13.2 Pleasant/unpleasant associations	F 163	1.54	0.94	0.63		.05	132	156.61	97.11	0.66		18	152.67	92.47	0.05			
	NF 136	1.46	1.22				65	146.32	105.49			63	150.92	139.98				
13.2R Unpleasant/pleasant associations	F 163	0.85	0.59	2.64	.01	.19	132	84.64	58.53	1.11		18	76.61	48.33	0.94			
	NF 136	0.68	0.53				65	74.23	63.02			63	64.83	42.25				
14 SOCIAL EVALUATIONS																		
14.1 Decision time	20 F 163	14.26	4.40	4.52	.001	.32	132	14.62	4.23	3.23	.01	18	10.50	4.22	0.42			
	NF 137	11.96	4.40				65	12.68	3.84			63	10.98	4.73				
15 INVENTORY E																		
15.1 Knowledge of etiquette: %	24 F 163	47.06	17.03	3.39	.001	.26	132	49.18	16.39	2.47	.02	18	30.11	14.02	1.74	.10		
	NF 137	40.40	16.87				65	42.82	17.34			63	36.78	15.37				
16 JUDGMENTS																		
16.1 Agreement with majority statements: %	26 F 161	48.24	11.19	2.04	.05	.15	130	48.55	11.06	1.23		18	48.67	11.17	0.91			
	NF 136	50.94	11.55				65	50.65	11.23			62	51.47	12.61				
18 CLASSIFICATIONS																		
18.1 Ability to suggest classifications	13 F 163	14.90	9.53	4.58	.001	.32	132	16.21	9.44	3.21	.01	18	6.00	6.59	1.41			
	NF 135	10.19	8.20				65	11.88	8.62			61	8.61	7.82				
19 APPRECIATION OF SOCIAL INFLUENCES																		
19.1 Adverse/favorable self reference seen in events	30 F 163	1.15	0.98	0.91		.07	132	112.51	97.04	0.44		18	149.44	125.21	215	.05		
	NF 135	1.05	0.88				65	119.12	98.47			61	84.12	56.19				
19.2 Adverse/favorable self reference seen in events	F 163	-0.87	3.50	0.36		-.03	132	0.98	3.38	2.01	.05	18	0.17	4.55	1.57			
	NF 135	-0.73	3.47				65	0.05	3.35			61	1.66	3.51				

APPENDIX E

Variable	Total Group						Native Whites						Negroes					
	N	M	σ	t	P	r_{bis}	N	M	σ	t	P	N	M	σ	t	P		
20 INVENTORY P.A.																		
20.1 Good physical adjmts.	18 F	39.12	9.93	3.61	.001	.26	133	40.41	8.58	2.44	.02	18	28.56	14.64	1.01			
	NF 136	34.58	11.54				65	36.72	10.56			62	32.36	12.08				
21 SPEED OF CODING																		
21.1 General excess of aspirational level over performance in coding	5 F	-8.95	42.85	1.68		-.12	134	8.70	43.10	1.11		18	17.39	53.08	1.24			
	NF 137	-1.44	34.81				65	2.63	32.26			62	0.66	39.54				
21.2 Excess of aspiration over improvement	F 166	-1.76	57.81	1.48		-.10	135	2.40	59.52	1.29		18	7.67	58.66	1.05			
	NF 137	6.88	43.77				65	6.86	40.66			62	8.27	49.45				
21.3 Adaptability of aspiration level in cdg.	F 158	2.31	3.70	0.74		-.06	129	23.25	37.05	1.02		16	25.56	24.00	0.13			
	NF 128	2.71	3.50				62	28.82	34.33			56	24.59	35.91				
21.4 Aspiration for coding	F 160	176.79	59.38	4.42	.001	.32	130	180.10	57.63	2.32	.05	17	139.77	70.79	0.28			
	NF 132	145.14	62.23				64	159.72	57.56			58	134.45	65.04				
21.5 Dispersion of aspiration level	F 160	37.04	11.72	3.74	.001	.27	130	37.50	11.43	1.84	.10	17	30.00	13.56	0.05			
	NF 132	31.69	12.53				64	34.31	11.30			58	29.79	13.40				
21.6 Dispersion of coding performance	F 166	34.40	11.45	6.23	.001	.42	135	35.13	10.93	3.53	.001	18	27.94	14.80	1.19			
	NF 137	26.54	10.51				65	29.92	9.17			62	23.48	10.81				
21.7 Errors in coding	F 166	0.10	0.19	0.56		-.04	135	7.84	15.21	2.44	.02	18	27.78	37.53	1.12			
	NF 137	0.11	0.20				65	4.37	4.44			62	17.16	27.18				
22 JUDGING																		
22.1 Understanding of perf. t.	2 F	-0.97	3.85	1.27		-.10	124	0.93	3.73	0.00		14	0.29	3.17	0.42			
	NF 104	-0.29	4.45				55	0.91	3.81			43	0.77	5.14				
22.2 Underestimation of perf. for dots	F 151	-1.16	3.32	1.47		-.12	124	1.36	3.24	1.57		14	0.57	3.90	1.00			
	NF 111	-0.51	3.73				58	0.62	2.80			47	0.66	4.49				
22.3 Accuracy of judging lines	F 164	0.77	0.18	1.15		.08	133	78.87	17.74	0.13		18	71.11	19.75	0.29			
	NF 127	0.75	0.17				63	79.18	13.91			57	69.60	18.66				
22.4 Inaccuracy of counting dots	F 163	1.16	4.75	1.28		-.10	133	9.60	45.03	0.16		17	27.88	60.65	0.05			
	NF 130	1.91	5.24				64	8.38	50.67			59	28.85	52.60				

APPENDIX E

	Total Group					Native Whites					Negroes						
	N	M	σ	t	P	N	M	σ	t	P	N	M	σ	t	P		
22 JUDGING (cont'd)																	
22.5	20	F	164	15.56	4.11	3.60	.001	.27	133	16.02	3.80	1.92	.10	18	11.44	5.01	0.48
		NF	117	13.62	4.69				63	14.81	4.27			57	12.09	4.66	
23 PERSONAL TASTE																	
23.1		F	165	0.21	0.12	4.65	.001	.32	134	21.66	12.69	3.65	.001	18	17.33	9.63	1.24
		NF	134	0.15	0.09				65	15.52	10.26			60	14.32	6.80	
24 SKETCHES																	
24.1	16	F	166	0.36	0.19	4.29	.001	.30	135	34.87	19.48	3.38	.001	18	40.56	16.65	3.56 / .001
		NF	138	0.26	0.19				65	26.23	15.61			63	24.08	19.51	
24.2		F	166	0.59	0.52	3.48	.001	.24	135	56.53	41.95	2.81	.01	18	84.28	107.29	1.81 .001
		NF	138	0.41	0.39				65	41.75	30.79			63	37.59	41.68	
24.3		F	166	20.90	12.54	2.80	.01	.20	135	22.15	12.78	1.44		18	12.28	7.23	1.04
		NF	138	16.78	12.98				65	19.32	13.11			63	14.62	11.71	
24.6		F	166	0.95	0.65	4.03	.001	.28	135	91.47	55.92	3.11	.01	18	124.89	120.11	2.16 .05
		NF	138	0.68	0.55				65	68.11	46.48			63	61.67	57.71	
24.7		F	166	0.08	0.15	1.22	.09		135	71.90	135.24	2.01	.05	18	153.78	218.61	1.61 .001
		NF	138	0.06	0.11				65	45.25	50.68			63	58.35	86.38	
25 MEMORY																	
25.1		F	152	0.73	0.56	1.62		-.13	126	73.91	58.58	1.06		14	56.07	27.63	2.45 .02
		NF	112	0.87	0.71				56	86.05	76.37			49	90.39	83.35	
25.2		F	155	-0.25	1.42	0.48		-.04	128	0.23	1.47	0.50		14	0.21	1.37	0.00
		NF	125	-0.17	1.28				62	0.13	1.32			55	0.22	1.23	
25.3		F	160	9.18	4.41	4.17	.001	.30	132	9.49	4.60	2.15	.05	16	6.31	3.89	0.35
		NF	130	7.07	4.11				63	8.06	4.20			58	5.93	3.82	

APPENDIX E

	Total Group				Native Whites				Negroes			
	N	M	σ	t	P	r _{bis}	N	M	σ	t	P	P
26 MEMORIZING												
26.1 Chance/purposeful ob- servation and memory	F 166	0.95	0.88	3.07	.01	.22	135	98.90	87.48	1.96	.05	18 46.28 53.18 0.66
	NF 136	0.64	0.86				64	74.89	77.24			62 58.52 97.96
26.2 Increase in chance/pur- poseful observ. and mem.	F 166	-.02	1.05	0.80		-.06	135	3.70	102.90	1.25		18 5.56 42.62 0.49
	NF 136	..06	0.80				64	15.11	96.76			62 0.81 63.72
27 NUMBER SERIES												
27.1 Speed/accuracy in cler- ical task	F 166	1.26	0.37	1.21		-.09	135	124.91	37.68	0.18		18 132.44 37.68 1.02
	NF 137	1.32	0.52				64	124.00	31.96			63 114.75 64.96
27.1R Accuracy/speed in clerical task	F 166	0.84	0.16	3.61	.001	.26	135	84.24	15.60	1.20		18 79.94 17.11 2.10.05
	NF 137	0.75	0.23				64	81.13	17.53			63 69.19 24.97
27.2 Speed in clerical task	F 166	10.46	3.54	2.56	.05	.19	135	10.70	3.30	0.90		18 8.22 4.24 0.00
	NF 137	9.22	4.70				64	10.11	4.74			63 8.19 4.62
27.3 Accuracy in clerical task	F 166	6.50	3.23	4.45	.001	.31	135	6.93	3.16	2.44	.02	18 3.83 2.18 0.42
	NF 137	4.77	3.53				64	5.59	3.77			63 3.57 2.78
28 PICTURES												
28.1 Accuracy in perceptual closure: Pictures I	12 F 166	0.60	0.25	1.35		.10	135	60.01	25.73	0.07		18 56.67 20.92 1.04
	NF 137	0.56	0.28				64	59.70	27.08			63 50.46 26.36
28.2 Accuracy in perceptual closure: Pictures II	15 F 166	0.42	0.34	3.39	.001	.24	135	41.95	33.47	0.13		18 30.33 37.22 1.49
	NF 137	0.29	0.35				64	41.25	37.62			63 16.29 27.27
28.3 Perceptual closure speed: Pictures I	F 166	5.56	2.80	0.53		-.04	135	5.62	2.86	0.76		18 5.28 2.27 1.57
	NF 137	5.74	3.03				64	5.30	2.78			63 6.32 3.11
28.4 Perceptual closure speed: Pictures II	F 166	6.43	4.18	3.35	.001	.24	135	6.76	4.30	1.61		18 4.17 3.17 0.25
	NF 137	4.78	4.33				64	5.67	4.50			63 3.94 4.01
28.5 Total Speed (28.3 + 28.4)	F 166	11.99	5.71	2.18	.05	.16	135	12.39	5.97	1.53		18 9.44 4.87 0.60
	NF 137	10.52	5.93				64	10.97	6.15			63 10.25 5.50
28.6 Total Accuracy (28.1 + 28.2)	F 166	1.02	0.47	3.18	.01	.23	135	101.97	46.35	0.14		18 84.22 44.03 1.50
	NF 137	0.85	0.48				64	100.95	49.38			63 66.75 42.32

APPENDIX E

Variable	Total Group					Native Whites					Negroes					
	N	M	σ	t	P	r_{bis}	N	M	σ	t	P	N	M	σ	t	P
29 SELF-DESCRIPTION																
29.1 High estimate of personal worth	30 F	163	41.77	18.09	3.67	.001	.26	132	41.96	18.32	2.07	.05	18	41.33	18.88	1.95/
	NF	139	34.35	17.03				65	36.88	15.18			65	31.52	18.84	
29.2 High estimate of personal worth (weighted score)	F	163	94.93	17.11	4.72	.001	.34	132	96.73	15.66	2.41	.02	18	78.83	23.52	0.35
	NF	139	83.22	24.61				65	89.59	19.67			65	76.55	27.18	
29.3 High estimate of personal worth (mean score)	F	163	3.35	0.31	3.75	.001	.27	132	33.71	3.01	2.42	.02	18	32.11	4.21	0.81
	NF	139	3.19	0.43				65	32.52	3.35			65	31.15	5.10	
30 CUBE FLUCTUATION																
30.1 Alternating perspective: cube fluctuation	2 F	164	16.01	13.05	0.96		.07	133	16.25	12.93	0.92		18	10.72	14.60	0.08
	tr. NF	140	14.40	14.97				66	18.06	13.09			65	10.40	15.40	
31 CANCELLING																
31.1 Oscillation	6 F	167	114.66	30.17	5.20	.001	.36	136	114.81	29.56	1.40		18	108.94	34.88	2.91/
	NF	141	94.48	36.78				65	108.51	29.89			66	81.47	37.82	
31.2 Speed of cancelling	F	167	514.31	106.55	6.38	.001	.44	136	523.27	103.92	5.52	.001	18	465.00	123.37	2.60/
	NF	141	422.73	139.54				65	466.25	108.99			66	375.71	147.54	
31.3 Improvement in cancelling	F	167	0.08	1.61	0.20		.01	136	7.06	160.37	0.14		18	9.61	249.59	0.10
	NF	140	0.04	1.81				65	3.19	188.04			65	2.94	194.43	
31.4 Accuracy in cancellation	F	167	5.76	6.47	3.11	.01	-.23	136	56.06	67.98	0.70		18	71.56	51.75	2.29/
	NF	141	8.99	10.84				65	62.51	57.91			65	113.65	111.90	
31.5 Fast dotting speed	F	161	160.60	36.30	1.42		.11	132	163.52	34.89	2.66	.01	17	149.65	47.65	0.22
	NF	122	151.90	59.72				57	150.04	30.58			55	146.80	41.61	
32 DRAWING																
32.1 Expansiveness of copied design	F	167	410.83	169.09	0.47		-.03	136	405.04	165.63	0.60		18	426.44	178.18	0.05
	NF	141	420.26	180.95				65	420.43	172.84			66	423.65	200.27	
32.2 Attention to detail in copied design	F	167	42.07	8.68	2.81	.01	.20	136	42.40	8.39	1.63		18	36.56	9.56	0.25
	NF	141	38.91	10.68				65	40.03	10.18			66	37.23	10.85	

APPENDIX E

		Total Group						Native Whites						Negroes					
		N	M	σ	t	P	r _{bis}	N	M	σ	t	P	N	M	σ	t	P		
33 LINE MAZES																			
33.1	Speed on line mazes	4 F	167	372.79	121.27	0.45	-.03	136	374.19	126.20	0.79		18	357.44	77.96	1.68	.10		
		tr.NF	140	379.26	128.29			65	361.22	98.39			65	401.92	152.94				
33.2	In accuracy on line mazes	F	167	30.07	32.23	2.30	.05	136	29.46	32.77	0.62		18	36.11	30.49	1.90	.10		
		NF	140	40.26	43.34			65	26.86	25.13			65	54.66	53.39				
33.3	Speed/accuracy on line mazes	F	167	27.34	29.21	1.31	.10	136	26.11	25.36	1.15		18	31.28	48.72	0.96			
		NF	140	22.74	31.77			65	22.28	20.46			65	19.48	34.46				
33.4	Increase in distance traveled on line mazes	F	165	21.74	17.75	0.96	-.07	135	22.03	17.23	0.57		17	23.41	22.65	0.63			
		NF	136	23.87	20.26			64	20.44	18.92			62	27.32	22.04				
33.5	Increase in accuracy on line mazes	F	163	4.83	6.77	2.31	.05	133	5.05	6.83	0.27		17	4.29	8.11	1.43			
		NF	138	6.10	7.57			65	4.80	5.73			63	7.51	8.76				
33.6	Difficult/easy mazes (distance)	F	167	0.78	0.20	1.92	-.14	136	77.17	17.50	0.47		18	83.61	31.93	0.52			
		NF	140	0.83	0.27			65	78.54	20.14			65	88.00	30.28				
34 JUDGMENT OF THINGS																			
34.1	Criticalness (severity of judgments).	30 F	162	96.72	22.03	0.95	.07	131	96.19	20.98	0.56		18	108.44	23.82	2.31	.05		
		NF	137	94.12	24.74			65	97.80	17.65			63	93.00	28.64				
35 WRITING																			
35.1	Motor rigidity I (perseveration)	F	152	165.68	99.24	1.58	-.12	124	163.86	101.00	1.67	.10	18	183.00	108.78	0.47			
		NF	107	184.84	94.06			57	189.39	92.80			49	169.43	82.02				
35.2	Motor rigidity II	F	164	258.73	78.11	0.18	.01	136	261.65	83.17	0.16		16	250.19	52.28	0.23			
		NF	135	256.84	99.56			62	259.79	69.87			63	254.91	122.49				
35.3	Motor rigidity III	F	155	75.48	53.85	0.13	-.01	125	73.50	41.64	0.54		18	80.50	106.04	0.19			
		NF	110	76.19	33.68			58	76.43	29.69			42	75.62	40.05				
35.4	Motor rigidity IV	F	154	378.40	205.36	1.65	-.14	127	379.50	217.79	0.95		14	400.43	111.95	0.89			
		NF	108	444.91	381.22			57	433.28	400.44			42	460.33	388.36				
35.5	Motor Rigidity:total	F	167	824.05	300.09	0.58	.04	136	833.21	307.22	0.68		18	797.33	297.00	1.13			
		NF	138	798.39	444.73			64	875.42	448.15			65	697.66	431.72				
35.6	Initial/final perf. in writing backwards	F	149	1.09	0.52	1.36	.11	121	110.99	51.38	1.23		18	95.89	58.55	0.18			
		NF	102	1.01	0.47			56	101.52	45.94			36	98.89	51.52				

APPENDIX B

	Total Group				Native Whites				Negroes							
	N	M	σ	t	P	r _{bis}	N	M	σ	t	P	N	M	σ	t	P
36 CURSIVE MINIATURE SITUATION (C.M.S.)																
36.1 C.M.S. Excessive	F	167	15.77	13.94	0.72	.05	136	16.27	14.53	0.49		18	10.89	10.02	1.13	
Use of circles	NF	139	14.55	15.55			64	15.16	15.06			65	14.45	16.63		
36.2 C.M.S. Speed	F	167	35.78	12.39	3.86	.001	136	85.57	13.01	3.06	.01	18	86.00	11.21	1.82	.10
	NF	139	29.39	15.93			64	79.25	13.86			65	79.72	17.78		
36.3 C.M.S. Slanting	F	166	6.94	8.51	1.33	.10	136	7.00	8.72	0.85		17	7.82	9.30	0.57	
lines crossed(errors)	NF	139	8.33	9.58			64	8.11	8.50			65	9.31	10.72		
36.4 C.M.S. No. of	F	167	12.35	3.95	4.99	.001	136	12.57	3.83	3.48	.01	18	10.17	4.09	0.37	
correct decisions	NF	140	9.85	4.62			65	10.05	5.20			65	9.75	4.54		
36.5 C.M.S. correctness	F	167	0.41	0.12	3.47	.001	136	41.66	11.88	2.45	.02	18	35.67	12.18	0.18	
of decisions	NF	140	0.35	0.16			65	35.80	17.47			65	35.05	14.64		
36.6 C.M.S. Total score:	F	164	626.76	176.42	2.85	.01	134	636.42	168.55	0.62		17	561.06	214.17	1.02	
Run B / C	NF	135	555.00	244.98			64	617.64	210.59			62	498.77	253.17		
36.7 C.M.S. Total score:	F	167	0.99	0.28	0.65	.05	136	99.49	27.30	0.18		18	98.89	35.37	0.40	
B/C	NF	140	0.96	0.40			65	98.69	29.81			65	94.79	47.83		
37 HIDDEN OBJECTS																
37.1 Hidden Pictures I:	F	163	4.33	2.57	2.41	.05	132	4.46	2.58	0.42		18	2.72	2.16	0.2	.3
Perceptual rigidity	NF	137	3.61	2.55			65	4.29	2.75			63	2.86	2.09		
37.2 Hidden Pictures II	F	163	0.70	0.32	3.79	.001	132	72.02	31.55	1.59		18	50.67	32.37	0.46	
O/O	NF	137	0.56	0.32			65	64.26	32.42			63	46.81	28.41		
38 BLOCK A																
38.1 Consonant/dissonant	F	154	1.59	1.38	0.75	-.06										
recall	NF	111	1.74	1.69												
38.2 Memory level for	F	162	16.90	8.70	4.68	.001										
attitudes checked O/O	NF	132	12.12	8.71												
38.3 Disagreement with maj.	F	162	0.07	0.33	0.94	-.07										
(total group mean)	NF	131	0.11	0.39												
38.4 Disagreement with	F	162	0.07	0.33	0.94	-.07										
majority(Gp A&B mean)	NF	131	0.11	0.39												

APPENDIX E

	Total Group					Native Whites					Negroes				
	N	M	σ	t	P	r _{bis}	N	M	σ	t	P	N	M	σ	t
39 BLOCK A-F "FLUCTUATIONS"															
39.1 Extremity of viewpoint	162	95.35	32.47	0.85		-.06									
39.2 Fluctuation score in "Neurotics Test"	131	98.82	36.48	1.04		-.03									
39.3 Fluctuation score in "Successfulness Test"	162	0.90	0.30	0.71		-.05									
39.4 Fluctuation of elev. of quotation	131	0.93	0.28	0.03		.00									
39.5 Fluctuation in log. dependence on fact	162	0.88	0.24	0.17		.01									
39.6 Fluctuation of attitudes	131	0.87	0.32	0.15		-.01									
40 BLOCK A-F "SHIFTS"															
40.1 Suggestibility to authority	162	10.36	17.18	0.57		.04									
40.2 Immaturity of opinion	131	9.25	15.98	1.26		-.09									
40.3 Lo independence thru ego strength "success-fuls"	162	18.98	15.64	0.97		.07									
40.4 Lo independence thru ego stgth "neurotics"	131	21.34	16.14												
40.5 Attitude shift — unconfounded	162	4.67	16.37	2.96	.01	.21									
40.6 Fluctuations of attitudes-unconfounded	131	2.92	14.42	0.96		-.07									
	162	10.03	18.49	0.31		.02									
	131	4.26	14.91												
	162	2.67	15.35												
	131	4.28	13.32												
	162	30.03	10.66												
	131	29.61	11.59												

APPENDIX E

	Total Group					Native Whites					Negroes					
	N	M	σ	t	P	r _{bis}	N	M	σ	t	P	N	M	σ	t	P
71 REACTION TIME																
71.1 Slowness of reaction time	F 167	102.56	22.72	4.28	.001	-.31	136	102.56	22.57	0.77		18	106.89	25.85	2.02	.05
	NF 142	116.86	33.90				66	112.11	27.49			66	122.61	39.25		
71.2 Irregular/regular reaction time	F 167	1.05	0.17	0.84		-.06	136	104.65	15.47	0.53		18	107.06	21.55	0.45	
	NF 142	1.08	0.41				66	105.92	16.35			66	110.97	57.63		
71.3 Errors in maintaining complex reaction time sets	F 166	3.40	2.73	1.52		-.11	136	3.17	2.59	0.74		17	5.41	2.92	1.31	
	NF 133	3.92	3.10				66	3.52	3.36			59	4.37	2.73		
71.4 Slowing of reaction time due to complex instructions	F 166	1.63	0.46	1.25		-.10	136	160.93	42.20	0.65		17	186.71	71.20	0.33	
	NF 133	1.74	0.85				66	156.52	46.97			59	180.12	77.20		
71.5 Regular reaction time	F 167	50.23	12.60	4.20	.001	-.30	136	50.35	12.57	2.31	.05	18	52.11	14.52	2.01	.05
	NF 142	57.44	16.87				66	54.96	13.57			66	60.53	19.61		
71.6 Irregular reaction time	F 167	51.92	11.62	4.11	.001	-.30	136	51.80	11.32	2.86	.01	18	54.22	13.36	1.76	.10
	NF 142	59.32	18.63				66	57.53	14.22			66	61.56	22.30		
71.7 auditory/visual reaction time	F 167	0.86	0.16	1.00		-.07	136	86.29	15.00	0.03		18	87.11	17.16	1.06	
	NF 142	0.89	0.25				66	86.17	24.04			66	92.62	26.36		
72 FLICKER FUSION																
72.1 High frequency of flicker fusion (20 trials)	F 164	65.39	12.39	2.48	.05	.18	135	66.10	13.20	1.92	.10	17	64.00	7.44	1.03	
	NF 142	61.32	12.74				66	62.00	14.69			66	61.68	10.94		
72.2 Long range of flicker fusion	F 164	6.98	6.56	0.77		-.06	135	71.44	69.33	0.19		17	70.29	53.81	0.54	
	NF 142	7.74	9.92				66	74.26	108.27			66	79.80	94.77		
72.3 Flicker fusion difference	F 164	28.94	36.51	1.73		-.12	135	294.78	392.84	0.43		17	310.29	212.83	1.11	
	NF 142	35.73	32.29				66	316.41	306.26			66	384.83	351.06		
72.4 Direct peripheral flicker fusion	F 164	1.03	0.28	0.44		-.03	135	102.84	30.20	0.95		17	103.59	16.80	1.58	
	NF 141	1.04	0.19				66	106.23	19.76			66	101.39	16.72		
73 PERIPHERAL FLICKER FUSION																
73.1 High frequency of Periph. flicker fusion	F 164	6.63	20.70	2.55	.05	.18	135	67.43	22.09	2.08	-.05	17	60.18	12.47	0.37	
	NF 141	6.08	16.90				66	60.77	20.96			66	61.42	12.63		
73.2 Large range of Periph. flicker fusion	F 164	9.05	11.23	0.45		-.03	135	9.47	11.93	0.89		17	6.53	5.70	2.04	.05
	NF 141	9.57	9.35				66	8.26	6.38			66	11.02	11.08		

APPENDIX E

	Total Group					Native Whites					Negroes				
	N	M	σ	t	P	r_{bis}	N	M	σ	t	P	N	M	σ	t
74 VISUAL ADAPTATION															
74.1 Time for visual adaptation	F 164	4.31	2.77	2.64	.01	-.20	134	45.38	29.54	1.87	.10	17	32.71	14.19	3.19
	NF 141	5.49	4.63				65	58.29	51.74			66	53.08	43.80	
75 TAPPING															
75.1 Tapping speed	F 166	376.39	39.43	3.10	.01	.22	135	379.02	38.19	2.49	.02	18	360.00	52.47	0.48
	NF 143	360.07	51.15				66	364.27	40.00			66	353.15	58.74	
75.2 Two-hand coordination speed	F 167	91.78	24.10	5.31	.001	.37	136	93.16	25.05	2.96	.01	18	81.00	21.64	1.95
	NF 143	76.73	25.56				66	81.97	25.33			66	69.46	24.44	
75.3 Two-hand coordination errors	F 167	2.25	2.20	0.28		.02	136	2.37	2.34	0.59		18	3.06	1.00	2.11
	NF 143	2.17	2.55				66	2.59	2.58			66	1.91	2.68	
75.4 Errors corr. in 2-band coord. (o/o)	F 167	0.59	0.45	1.73		.12	136	58.01	44.49	0.14		18	54.61	48.45	1.00
	NF 143	0.50	0.45				66	58.92	43.48			66	42.02	44.05	
75.5 One/2-band coord. tapping speed	F 166	0.44	0.13	4.10	.001	.31	135	43.36	13.54	2.04	.05	18	46.89	14.35	2.22
	NF 143	0.52	0.19				66	48.59	18.58			66	56.20	20.15	
75.6 Later/initial perf. 2-band coordination	F 166	1.23	0.64	0.67		-.05	135	117.76	18.27	1.26		18	120.61	17.97	1.07
	NF 143	1.26	0.68				66	122.86	30.43			66	133.99	95.34	
76 WEIGHT ESTIMATION (Heavy weight inserted for Trial 3 and 4)															
76.1 No. errors in wt. estimation	F 166	7.21	3.69	1.61		-.12	136	7.00	3.38	0.63		17	7.88	4.03	0.28
	NF 138	7.87	3.33				66	7.35	3.77			63	8.18	3.05	
76.2 Changes in dec. in wt est. I (Trial 1 & 2)	F 166	2.25	1.22	0.40		.03	136	2.12	1.19	0.29		17	2.77	1.35	1.10
	NF 138	2.19	1.29				66	2.06	1.35			63	2.37	1.27	
76.3 Changes in dec. in wt. est. II (Trial 2 & 3)	F 166	1.72	1.22	0.16		-.01	136	1.70	1.14	0.36		17	1.71	1.49	0.34
	NF 138	1.74	1.18				66	1.64	1.16			63	1.84	1.27	
76.4 Changes in dec. in wt. est. III (Tr. 3 & 4)	F 166	1.45	1.08	1.64		-.11	136	1.32	0.97	2.50	.02	17	2.12	1.76	1.18
	NF 138	1.66	1.11				66	1.71	1.08			63	1.57	1.36	
76.5 Fluct. of errors in wt. estimation	F 166	3.08	1.42	0.28		-.02	136	2.92	1.28	0.24		17	3.79	1.61	1.16
	NF 138	3.13	1.35				66	2.96	1.30			63	3.30	1.40	
76.6 Consistency of error	F 166	0.04	0.06	0.91		-.07	136	0.04	0.06	0.34		17	0.03	0.05	1.54
	NF 138	0.05	0.07				66	0.05	0.07			63	0.05	0.06	

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APPENDIX E

	Total Group					Native Whites					Negroes					
	N	M	σ	t	P	r _{bis}	N	M	σ	t	P	N	M	σ	t	P
77	CARD SORTING															
77.1	Time of card sorting (seconds)	F 162	239.51	122.01	0.96	-.07	132	231.50	116.06	1.12		17	311.29	164.55	1.22	
		NF 132	254.02	134.74			63	255.79	153.08			60	259.23	118.37		
77.2	Color/form in card sorting	F 164	1.71	1.36	0.19	.01	134	173.40	135.42	0.51		17	140.77	129.86	0.00	
		NF 136	1.68	1.33			65	183.72	132.47			62	141.84	130.59		
77.3	No. of cards sorted by form	F 164	28.59	26.41	0.00	.00	134	28.60	26.55	0.35		17	29.41	25.02	0.32	
		NF 136	28.57	25.76			65	27.20	26.25			62	31.63	25.42		
77.4	No. of discards in color sorting	F 164	4.90	7.45	0.56	-.04	134	4.40	5.97	1.25		17	9.77	14.53	0.48	
		NF 136	5.41	8.09			65	3.46	4.37			62	7.97	10.51		
78	ATAXIA															
78.1	Body sway I (eyes open)	F 167	3.50	1.63	0.97	-.07	136	35.70	17.20	0.47		18	34.44	10.83	0.68	
		NF 142	3.69	1.79			66	37.05	19.79			66	36.67	16.63		
78.2	Body sway II (eyes closed)	F 167	4.30	2.15	3.02	.01	136	43.02	22.13	1.20		18	46.11	20.04	1.76	.10
		NF 142	5.21	3.02			66	46.89	21.15			66	57.73	37.24		
78.3	Body sway III (suggestion)	F 167	4.74	2.90	2.54	.05	136	47.50	29.23	1.44		18	46.67	27.12	1.68	.10
		NF 142	6.07	5.66			66	59.17	62.50			66	61.97	52.86		
78.4	Sway suggestibility (78.3/78.2)	F 167	1.18	0.70	0.32	.02	136	119.04	74.90	0.05		18	100.17	31.62	0.97	
		NF 142	1.15	0.50			66	119.62	55.17			66	109.26	45.75		
79	BODY TYPE															
79.1	Ectomorphy	F 166	4.05	1.15	3.74	.001	136									
		NF 143	4.54	1.03												
79.2	Mesomorphy	F 166	4.04	1.07	2.53	.02	136									
		NF 143	3.73	1.02												
79.3	Endomorphy	F 166	3.05	0.85	0.64	-.05	136									
		NF 143	3.11	0.88												
80	CARDIOVASCULAR															
80.1	Systolic blood pressure (2 trials)	F 167	246.30	18.03	1.24	.09	136	246.52	18.05	1.03		18	245.39	17.44	0.54	
		NF 142	243.60	18.90			56	243.76	17.86			66	242.80	20.32		

APPENDIX E

		Total Group					Native Whites					Negroes						
		N	M	σ	t	P	r _{bis}	N	M	σ	t	P	N	M	σ	t	P	
(Continued)																		
80.2	Diastolic blood pressure (2 trials)	F	167	144.57	15.66	0.14		-01	136	144.29	15.37	0.08		18	148.06	16.35	0.43	
		NF	142	144.84	16.86				66	144.50	15.35			66	146.09	18.71		
80.3	Pulse pressure (2 trials)	F	167	101.81	19.89	1.19		.09	136	102.27	13.42	0.99		18	97.50	20.99	0.13	
		NF	142	98.84	23.64				66	99.26	21.23			66	96.71	26.25		
80.4	Increase in systolic blood pressure	F	167	1.46	3.70	0.39		.06	136	1.43	3.84	0.03		18	1.56	2.95	0.54	
		NF	142	1.06	4.09				66	1.46	3.96			66	1.02	2.31		
80.5	Decrease in diastolic blood pressure	F	167	0.78	4.15	2.46	.05	.18	136	0.66	4.39	1.72	.10	18	0.39	2.40	1.00	
		NF	142	-0.44	4.51				66	0.59	4.14			66	0.46	5.12		
80.6	Predicted BMR (Gale)	F	167	341.67	40.89	0.57		.04	136	343.59	40.14	0.93		18	328.33	39.64	0.00	
		NF	142	339.02	40.30				66	349.38	41.93			66	328.29	36.25		
80.7	Change in pulse rate due to stress	F	167	-0.52	5.28	1.14		-.08	136	0.71	5.12	0.91		18	1.67	5.75	0.72	
		NF	140	0.24	6.14				64	0.19	7.11			66	0.59	5.24		
81 BODY TEMPERATURE																		
81.1	Oral Temperature	F	167	98.11	0.73	0.96		-.07	136	98.08	0.76	2.03	.05	18	98.29	0.48	1.70	.10
		NF	140	98.19	0.74				65	98.31	0.74			65	98.04	0.78		
82 ENVIRONMENTAL																		
82.1	Drop in room temp. (°C)	F	165	0.81	1.52	0.94		-.07	134	7.86	14.43	0.10		18	12.06	17.89	0.44	
		NF	139	1.12	3.57				63	7.65	12.06			66	15.33	49.80		
82.2	Mean room temperature (2 readings, °C)	F	167	47.73	7.44	0.61		-.04	136	472.71	74.42	0.14		18	496.72	73.06	0.38	
		NF	142	78.29	8.34				66	474.46	83.91			66	489.03	84.59		
82.3	Period of day testing	F	167	4.25	2.04	0.20		-.02	136	4.20	2.12	0.74		18	4.89	1.83	0.26	
		NF	142	4.30	2.20				66	4.48	2.37			66	4.89	2.87		
82.4	Serial order of testing	F	167	169.85	93.29	2.76	.01	.19	136	177.25	91.49	2.58	.01	18	159.94	87.23	0.85	
		NF	142	141.77	85.67				66	142.44	89.30			66	140.36	81.79		
83 P.G.R.																		
83.1	Mean P.G.R. deflection	F	167	49.51	3.27	0.40		-.03	136	46.35	31.71	0.93		18	59.33	33.75	1.11	
		NF	142	51.23	4.11				66	51.80	42.17			66	48.82	41.33		
83.2	Mental/physical P.G.R.	F	167	0.01	0.01	1.37		.10	136	121.02	70.08	1.85	.10	18	104.26	37.18	1.35	
		NF	142	0.01	0.01				66	105.67	46.61			66	121.94	78.55		

APPENDIX E

		Total Group				Native Whites				Negroes			
		N	M	o	t	P	r _{bis}	N	M	o	t	P	t
(Continued)													
85.5 Accuracy of reproducing lines-line present/accuracy of rep.lines line absent	F 166	0.76	0.20	0.80		-0.06							
	NF 143	0.78	0.22										
85.6 Change in line lgth vert. minus horiz.	F 166	-19.28	25.92	2.29	.05	.17							
	NF 143	-27.47	35.27										
85.7 Mean lgth. of line	F 166	9.74	1.10	1.23		-.01							
	NF 143	9.95	1.74										
86 MAZES													
86.1 Spd on mazes (4 trials) (in seconds)	F 166	229.75	115.80	3.94	.01	-.30		136	21.82	10.34	2.16	.05	18 31.89 17.56 1.98 .10
	NF 139	340.27	338.08					66	25.80	13.10			63 45.98 45.93
86.2 No. blind alleys entered in mazes	F 167	4.82	3.59	3.51	.001	-.25		136	4.60	3.20	1.94	.10	18 6.22 5.55 0.92
	NF 141	6.40	4.23					66	5.56	3.33			65 7.55 4.96
86.3 Effect of disturbance on maze performance	F 166	1.23	0.56	0.66		.06		136	122.43	56.32	0.09		18 127.72 40.07 1.47
	NF 140	1.19	0.57					66	123.32	57.22			64 110.80 52.65
86.4 Long exploratory distance on maze	F 167	62.86	54.37	2.70	.01	-.20		136	60.64	43.31	0.82		18 86.76 90.44 0.66
	NF 141	81.71	66.11					66	66.46	46.36			65 102.25 80.04
86.5 Effect of dist. on no. blind alleys entered	F 167	0.72	0.78	1.30		-.09		136	74.86	81.84	0.67		18 50.39 60.34 1.42
	NF 140	0.84	0.84					65	83.95	92.94			65 84.71 77.35
86.6 Effect of dist. on exploratory distance	F 167	0.15	0.32	0.61		.04		136	16.65	34.66	0.44		18 10.39 16.59 0.33
	NF 141	0.13	0.29					66	14.33	35.55			65 12.02 23.12
87 MIRROR DRAWING													
87.1 Spd on mirror drawing	F 167	351.75	135.05	4.51	.001	0.31		136	363.96	136.75	1.81	.10	18 249.61 90.14 0.46
	NF 142	282.94	132.18					66	327.55	139.14			66 237.79 113.33
87.2 Errors on mirror drawing	F 167	27.23	29.31	0.16		-.01		136	29.29	31.66	0.55		18 15.83 10.26 1.93 .10
	NF 142	27.73	24.54					66	31.56	24.99			66 22.38 19.32
87.3 Approval/disapproval mirror drawing	F 167	0.91	0.16	0.28		-.02		136	90.58	15.58	0.14		18 95.22 17.77 0.58
	NF 142	0.91	0.21					66	90.24	15.60			66 92.2 25.34

APPENDIX B

	Total Group				Native Whites				Negroes			
	N	M	O	t	P	r _{bis}	N	M	O	t	P	P
88 EXPIRATORY FORCE												
88.1 Maximum expiratory force (Trials 1&2)	167	225.17	61.50	1.83	.13		136	225.30	53.16	0.87	18	215.11 48.19 0.38
88.2 Max. expiratory force (mean)	142	212.75	57.46				66	217.47	53.13		66	210.94 58.25
88.3 Range of max expiratory force (unmotivated)	167	127.21	70.88	2.15	.05	.15	136	1287.27	770.00	1.50	18	1146.83 272.86 0.19
88.4 Occurrence of max. expiratory force (o/o)	142	114.17	31.05			.07	66	1171.74	325.46		66	1132.53 301.99
89 - BREATH HOLDING												
89.1 Breath-holding after 60 sec. sleeping	167	13.05	6.99	0.96	.07		136	133.75	73.05	2.09	18	110.28 38.79 0.92
cise	141	12.31	6.56				65	117.15	39.24		66	122.82 81.39

APPENDIX F

Picture Preferences

No.	Painter	Title	Per Cent Responses					
			Total Sample N=166 N=140		Whites N=135 N=66		Negroes N=18 N=64	
			F	MF	F	MF	F	MF
1	Gauguin	Woman of Tahiti	52	52	50	33	83	67
			I	28	27	42	6	19
			D	20	22	24	11	14
2	Cherkesi	The Darkness	63	61	61	65	61	52
			I	17	18	15	22	22
			D	19	21	20	17	27
3	Cherkesi	Beethoven	14	11	12	11	33	12
			I	21	21	32	11	33
			D	64	67	58	56	55
4	Nithart	The Crucifixion	71	65	69	68	67	59
			I	15	17	17	11	14
			D	14	14	15	22	27
5	lhote	Nude in the mirror	24	26	25	21	22	33
			I	18	19	17	11	33
			D	58	56	62	67	34
6	Norandi	Natura morta	16	14	15	6	33	23
			I	29	27	21	39	39
			D	54	58	73	28	38
7	Cezanne	The Black Marble Clock	26	26	25	24	33	28
			I	34	34	39	39	42
			D	39	41	36	28	30
8	David	Portrait de Mme Recamier	72	76	70	71	78	81
			I	19	21	20	11	11
			D	8	9	9	11	8

APPENDIX F

Picture Preferences

No.	Painter	Title	Total Sample			Per Cent Responses			Negroes		
			F NF P			Whites			F NF P		
			N=166 N=140			N=135N=66			N=18 N=64		
9	Gauguin	Nevermore	L 51	59		52	52		56	66	
			I 22	15		17	20		39	12	.01
			D 26	26		31	29		6	22	
10	Renoir	The Woman with the Rose	L 33	34		33	27		44	36	
			I 29	35		27	36		39	38	
			D 39	31		40	36		17	27	
11	Chirico	Il Trovatore	L 12	11		12	12		17	9	
			I 18	31	.01	18	29		22	33	
			D 70	59	.05	70	59		61	58	
12	Goya	The Maja Clothed	L 71	82	.05	70	77		78	86	
			I 19	11		19	12		11	11	
			D 10	6		10	11		17	3	
13	Seurat	Le Pont de Courbevoie	L 45	47		47	50		39	45	
			I 32	30		30	30		39	31	
			D 23	23		24	20		22	23	
14	Manet	Portrait de Madame Manet	L 11	29	.001	10	18		33	39	
			I 35	29		36	26		28	31	
			D 54	43		54	56		39	30	
15	Mantegna	Jesus Dead	L 19	24		19	17		22	28	
			I 26	16	.05	25	14		39	19	
			D 54	61		56	70		39	53	
16	van Gogh	Still Life, bottle with lemons	L 43	51		41	42		61	58	
			I 29	21		30	23		28	20	
			D 27	28		29	35		11	22	

APPENDIX F

Picture Preferences

No.	Painter	Title	Per Cent Responses						Negroes	
			Total Sample F NF P N=166 N=140			Whites F NF P N=135 N=66			F N=18	P N=64
17	Braque	Plate of Oysters	L 15 I 32 D 53	17 36 47		16 33 52	11 27 62		22 28 50	22 45 33
18	van Gogh	Selfportrait	L 30 I 27 D 43	18 30 52	.05	32 29 39	18 32 50	.05	11 11 78	12 31 56
19	Matisse	Goldfish	L 39 I 23 D 38	49 23 28		37 21 41	39 17 44		56 17 28	55 30 16
20	Modigliani	Nudo	L 75 D 13 D 11	82 9 9		73 13 14	74 12 14		89 11 0	88 6 6
21	Durer	Portrait of an old Man	L 28 I 39 D 12	19 36 45		29 30 41	17 39 44		17 33 50	17 36 47
22	Toulouse- Lautrec	Two waltzers	L 45 I 31 D 24	44 31 26		47 29 24	30 36 33	.05	50 22 28	52 28 20
23	Picasso	The Violin	L 5 I 14 D 80	9 27 64	.01 .01	4 15 81	8 17 76		17 22 61	12 34 53
24	Cezanne	Urteil des Paris	L 46 I 27 D 26	46 24 29		45 27 28	36 29 35		50 22 28	53 22 25

APPENDIX F
Picture Preferences

No.	Painter	Title	Total Sample			Per Cent Responses			Negroes		
			F	NF	P	F	NF	P	F	NF	P
			N=166 N=140			N=135 N=66			N=18 N=64		
25	Picasso	Maternite	L 54	61		52	55		67	63	
			I 31	24		33	29		22	22	
			D 14	15		16	17		11	16	
26	Boucher	Girl Resting	L 81	81		82	76		72	82	
			I 13	10		11	11		22	11	
			D 6	9		7	14		6	6	
27	Manet	The Picnic	L 63	69		61	59		78	77	
			I 21	18		20	27		17	9	
			D 16	13		19	14		6	14	
28	Gericault	Horse Race	L 66	51	.01	67	55		50	47	
			I 22	29		20	29		33	30	
			D 13	20		13	17		17	23	
29	Matisse	Portrait de Madame M.	L 19	23		17	15		44	33	
			I 24	21		24	14		17	31	
			D 57	56		59	71		39	36	
30	Millet	The gleaners	L 60	39	.001	62	41	.01	39	31	
			I 25	35		24	30		28	42	
			D 16	26	.05	13	29	.05	33	27	
31	van Gogh	The Girl with the tambourines	L 29	33		26	24		56	42	
			I 35	31		36	26		22	36	
			D 36	36		39	50		22	22	
32	Antonello	Portrait of a man called the Condottiere	L 17	16		18	12		17	19	
			I 34	31		35	26		33	36	
			D 49	53		47	62	.05	50	45	

APPENDIX F

Picture Preferences

No.	Painter	Title	Per Cent Responses						Negroes		
			Total Sample			Whites			F	NF	P
			F	NF	P	F	NF	P			
			N=166 N=140			N=135N=66			N=18 N=64		
33	Cezanne	Self Portrait	L 14	19		16	14		6	27	
			I 29	31		27	26		39	34	
			D 57	50		57	61		56	39	
34	van Gogh	Olive Trees at St. Remy	L 49	49		48	45		61	53	
			I 31	28		32	29		17	25	
			D 20	23		20	26		22	22	
35	Ingres	The Source	L 73	84	.05	70	82		89	84	
			I 16	7	.05	16	11		11	5	
			D 11	9		14	8		0	11	
36	Goya	The Lady with the fan	L 40	55	.01	36	39		78	67	
			I 34	27		35	30		22	25	
			D 25	18		30	30		0	8	
37	van Dongen	Salome	D 68	74		66	68		89	77	
			I 18	12		18	15		11	11	
			D 14	14		16	17		0	12	
38	Gainsborough	The Blue Boy	L 47	44		48	41		39	44	
			I 33	26		33	24		33	30	
			D 20	31	.05	19	35	.02	28	27	
39	Picasso	Gli amanti	L 4	12	.05	4	9		0	16	
			I 17	19		16	18		22	20	
			D 79	69	.05	80	73		78	64	
40	Raphael	The Sistine Madonna	L 78	84		78	85		78	82	
			I 11	9		11	12		6	6	
			D 11	6		11	3		17	11	

APPENDIX F

Picture Preferences

No.	Painter	Title	Total Sample			Whites			Negroes			
			F	NF	P	F	NF	P	F	NF	P	
												N=166
41	Holbein	Portrait of Didier Erasme	L	22	28		24	18		17	36	
			I	37	34		40	35		17	31	
			D	40	39		36	47		67	33	.05
42	Gericault	The raft of the Meduse	L	60	54		61	61		33	45	
			I	21	27		20	24		39	30	
			D	19	19		19	17		28	25	
43	Bernasconi	Bimba	L	43	43		41	42		56	41	
			I	40	34		41	33		28	39	
			D	17	23		17	24		17	20	
44	Gauguin	Ta Matete	L	18	32	.01	16	15		44	50	
			I	26	25		22	27		44	23	
			D	56	43	.05	62	58		11	27	
45	Malouel and Bellechose	The last communion and the Martydom of Saint Denis	L	58	69	.05	53	71	.02	67	61	
			I	20	14		22	14		11	17	
			D	22	17		24	15		22	22	
46	Chagall	The green eye	L	20	26		19	20		39	33	
			I	22	27		18	24		44	28	
			D	58	47		63	56		17	39	
47	Miro	Le soleil rouge rouge L'araignee	L	7	9		7	8		6	11	
			I	11	20	.05	7	9		50	31	
			D	82	71	.05	86	83		44	58	
48	Rodriguez	The Infanta Marguerite	L	42	41		40	29		56	52	
			I	27	30		26	41	.05	28	20	
			D	31	29		34	30		17	28	

Picture Preferences

No.	Painter	Title	Per Cent Responses								
			Total Sample			Whites			Negroes		
			F	NF	P	F	NF	P	F	NF	P
			N=166 N=140			N=135 N=66			N=18 N=64		
49	Delacroix	The Barricade	L	61	51	61	53	56	44		
			I	21	22	22	26	17	22		
			D	18	26	17	21	28	34		
50	Degas	The Ballat Class	L	45	51	44	50	61	52		
			I	29	26	31	30	11	25		
			D	26	22	25	20	28	23		
51	Ecole de Fontainebleau	Gabrielle d'Estrees et la Duchesse de Villars	L	58	66	56	67	61	63		
			I	25	16	25	17	22	16		
			D	17	19	19	17	17	22		
52	Henner	Modest Suzanne	L	75	80	75	79	78	78		
			I	16	11	16	9	11	16		
			D	9	9	10	12	11	6		
53	Whistler	Portrait of the author's mother	L	39	39	39	39	44	41		
			I	36	31	36	29	28	31		
			D	25	29	24	32	28	27		
54	Chagall	The cattle dealer	L	20	25	19	20	33	28		
			I	20	25	21	17	28	33		
			D	60	50	61	64	39	39		
55	Bonheur	Ploughing in Nevers	L	60	54	63	65	39	42		
			I	23	24	24	20	11	30		
			D	17	21	13	15	50	28		
56	Brueghel	Autumn Landscape	L	52	46	54	52	50	42		
			I	32	28	32	27	22	30		
			D	16	26	14	21	28	28		
											.05

APPENDIX F

Picture Preferences

No.	Painter	Title	Total Sample			Per Cent Responses						Negroes		
			F	NF	P	Whites			F	NF	P	F	NF	P
						N=166	N=140	N=135				N=18	N=64	N=64
57	Sisley	The Loing at Moret	L 72	59	.05	L 73	58	.05	56	59		56	59	
			I 19	25		I 21	26		6	25		6	25	
			D 9	16		D 6	17		39	16	.05	39	16	.05
58	Rousseau	Virgin forest	L 48	55		L 46	44		78	64		78	64	
			I 22	22		I 24	27		11	19		11	19	
			D 30	23		D 30	29		11	17		11	17	
59	Carra	Penelope	L 11	12		L 11	6		11	20		11	20	
			I 8	25	.001	I 7	18		17	28		17	28	
			D 81	63	.001	D 81	76		72	52		72	52	
60	Kokoschka	Tempest	L 23	27		L 21	23		22	30		22	30	
			I 17	24		I 16	18		33	30		33	30	
			D 60	49		D 63	59		44	41		44	41	
61	Bruegel	The old Shepherd	L 29	21		L 29	23		22	19		22	19	
			I 32	36		I 34	39		17	34		17	34	
			D 39	43		D 37	38		61	47		61	47	
62	Cezanne	Countryside	L 26	26		L 26	23		28	27		28	27	
			I 40	32		I 43	36		22	30		22	30	
			D 34	42		D 31	41		50	44		50	44	
63	Sanzio	The Virgin known as The Beautiful Gardner	L 67	72		L 63	77	.05	89	69		89	69	
			I 20	18		I 22	15		6	17		6	17	
			D 13	10		D 15	8		6	14		6	14	
64	Goya	Portrait of Mr. Castro	L 35	31		L 39	20	.01	22	38		22	38	
			I 37	36		I 36	44		39	33		39	33	
			D 28	32		D 26	36		39	30		39	30	

APPENDIX F

Picture Preferences

No.	Painter	Title	Total Sample F NF P N=166			Per Cent Responses Whites F NF P N=135			Negroes F NF P N=18		
			F	NF	P	F	NF	P	F	NF	P
65	Rembrandt	The anatomical lesson	L 23 I 36 D 41	26 26 49		24 33 44	20 30 50		22 44 33	30 22 48	
66	Kandinsky	The park of Saint Cloud	L 41 I 22 D 37	46 24 30		41 22 36	42 26 32		44 22 33	52 22 27	
67	Modigliani	Donna dalla collana	L 22 I 30 D 43	37 23 40	.01	19 30 51	27 15 58	.05	39 39 22	47 31 22	
68	Rouault	Christ's Head	L 16 I 16 D 68	11 21 68		16 14 70	8 17 76		17 28 56	11 27 63	
69	Chardin	Portrait of the artist	L 28 I 39 D 33	23 33 44		29 39 33	15 30 55		22 39 39	28 38 34	
70	Gris	The Breakfast	L 11 I 14 D 74	19 21 60	.05	9 16 76	9 15 76	.01	33 11 56	30 30 41	
71	Fresnaye	Landscape at Neulan	L 28 I 25 D 47	29 29 43	.01	29 23 48	29 24 47		39 28 33	30 33 38	
72	Gellee	View of a Seaport	L 76 I 16 D 7	59 25 16	.01	79 16 5	56 27 17	.001	56 17 28	59 25 16	
					.05						

APPENDIX F

Picture Preferences

No.	Painter	Title	Total Sample			Per Cent Responses			Negroes		
			F	NF	P	F	NF	P	F	NF	P
			N=166 N=140			N=135N=66			N=18 N=64		
73	Laurencin	Girl with Rose	L 54	65		54	56		61	70	
			I 31	22		31	29		28	17	
			D 14	13		15	15		11	12	
74	Sironi	Il bevitore	L 18	16		18	11		28	22	
			I 35	29		36	26		28	33	
			D 47	55		47	64	.05	44	45	
75	van Gogh	Boats on the Beach	L 57	57		59	55		61	59	
			I 26	23		26	24		22	23	
			D 17	20		16	21		17	17	
76	Barbarelli	Rustic concert	L 60	69		55	68		78	66	
			I 21	15		23	17		11	16	
			D 19	16		22	15		11	19	
77	Moise	Woman with Shawl	L 67	69		64	62		73	78	
			I 24	20		25	24		17	16	
			D 9	11		10	14		6	6	
78	Chardin	The Labourious Mother	L 46	42		47	38		67	45	
			I 35	32		34	29		28	36	
			D 19	26		19	33	.05	6	19	
79	Delacroix	Nude sitting-Miss Rose	L 66	73		64	74		67	67	
			I 16	13		17	11		17	17	
			D 17	14		19	15		17	16	
80	Guazava	Pieta	L 34	33		30	35		39	30	
			I 24	30		25	29		22	30	
			D 42	37		44	36		39	41	

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APPENDIX F
Picture Preferences

No.	Painter	Title	Total Sample			Whites			Negroes		
			F	NF	P	F	NF	P	F	NF	P
81	Chagall	Crucifixion in yellow	L 50	53		46	50		61	53	
			I 22	24		23	24		17	25	
			D 28	24		31	26		22	22	
82	Dongen	The commerce of revue	L 29	37		27	32		56	42	
			I 30	28		30	23		22	36	
			D 40	35		44	45		22	22	
83	Gauguin	And the gold of their bodies	L 40	49		38	44		67	48	
			I 24	23		23	24		28	25	
			D 36	29		39	32		6	27	.05
84	Matisse	The Roumanian Blouse	L 24	35	.05	21	24		44	42	
			I 26	22		27	26		39	19	
			D 49	43		52	50		17	39	
85	Chavannes	The poor fisherman	L 52	51		53	45		44	53	
			I 31	25		30	29		22	22	
			D 17	24		16	26		33	25	
86	Manet	Olympia	L 66	74		64	68		78	77	
			I 19	14		21	17		6	14	
			D 15	11		14	15		17	9	
87	Millet	Shepherd and flock	L 71	64		70	61		72	67	
			I 20	22		21	23		17	23	
			D 8	14		9	17		11	9	
88	Remi	Ecce Homo	L 73	68		73	73		61	61	
			I 13	16		16	15		6	19	
			D 13	16		12	12		33	20	

APPENDIX F

Picture Preferences

No.	Painter	Title	Total Sample			Per Cent Responses			Negroes		
			F	NF	P	Whites			F	NF	P
						N=166	N=135	N=66			
89	Cezanne	Women bathing	L 48	51		45	48		67	53	
			I 22	27		22	27		17	30	
			D 30	21		33	24		17	17	
90	Fouquet	Portrait de Charles VII	L 14	18		13	8		22	23	
			I 29	31		30	39		22	23	
			D 57	52		57	53		56	53	
91	Chagall	Gli amanti	L 17	30		17	21		22	34	
			I 28	23		30	14		22	33	
			D 54	47		53	65		56	33	
92	Derain	Femme au Chale	L 20	28		20	21		33	33	
			I 29	29		30	26		22	36	
			D 51	43		50	53		44	31	
93	de Vinci	Portrait presumed to be Lucrezia Crivelli	L 48	51		47	44		56	58	
			I 30	23		32	30		11	17	
			D 22	26		21	26		33	25	
94	Flandrin	Study	L 55	52		57	58		56	41	
			I 25	21		25	20		6	27	
			D 20	26		18	23		39	33	
95	Picasso	The bust before the window	L 11	12		10	2		33	23	
			I 13	22		13	18		6	25	
			D 76	66		77	80		61	52	
96	Holbein	Portrait of Anne of Cleves	L 34	41		33	29		44	53	
			I 36	34		38	41		33	28	
			D 29	25		29	30		22	19	

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APPENDIX F

Picture Preferences

			Picture Preference						Per Cent Responses			
No.	Painter	Title	Total Sample			Whites			Negroes			
			F	NF	P	F	NF	P	F	NF	P	
			N=166 N=140			N=135 N=66			N=18 N=64			
97	Picasso	Donna sul divano	L	14	14	11	8	39	20	.05		
			I	13	26	15	20	6	31			
			D	73	60	74	73	56	48			
98	Chardin	Ray Fish	L	29	34	27	30	44	36			
			I	33	26	34	24	22	25			
			D	38	40	39	45	33	39			
99	Delacroix	Portrait de Frederic Chopin	L	30	31	30	23	28	41			
			I	37	31	39	36	28	28			
			D	33	37	31	41	44	31			
100	Seurat	La Baignade	L	57	59	55	62	67	55			
			I	25	20	26.	20	22	20			
			D	18	21	19	18	11	25			

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Multiple Choice Rating Form used with
Write-A-Story Test (Modified TAT)

PICTURE I

1. Outcome of story
 - a. Favorable ending due to hero's action
 - b. Unfavorable ending due to hero's action
 - c. Favorable ending due to outside agent(s)
 - d. Unfavorable ending due to outside agent(s)
 - e. No ending or resolution
2. Behaviors of hero (or heroes)
 - a. Hero is in conflict with male figure
 - b. Hero is in conflict with female figure
 - c. Hero is in conflict with both figures
 - d. Is "indiscriminate", general conflict
 - e. There is no conflict
3.
 - a. Hero breaks rules, laws, or engages in "wrong-immoral" behavior
 - b. Hero conforms, is law abiding, does the right thing
 - c. May be both: crime and repentance
 - d. Issue of doing "right or wrong" not involved here
4.
 - a. Hero engages in noticeably dominant behavior (is a strong character)
 - b. Hero engages in noticeably submissive behavior (is a weak character)
 - c. Dominant or submissive behavior not involved here
5.
 - a. Hero manifests considerable anxiety
 - b. Hero manifests little or no anxiety
 - c. Neither of above
6.
 - a. Hero is the young man
 - b. Hero is the older man
 - c. Hero is the woman
 - d. None above apply, or hero is unknown
7.
 - a. Hero is somewhat hostile and aggressive in his relations to others
 - b. Hero receives hostility and aggressiveness from others
 - c. There is a two way exchange of hostility and aggression
 - d. None of the above apply to this story
8.
 - a. Hero has feelings of guilt, shame or remorse (intrapunitive)
 - b. Hero feels "worthy", respectable, guiltless
 - c. Hero blames others for his troubles (extrapunitive)
 - d. None of above apply
9.
 - a. Hero sexually aggressive
 - b. Sexual adventures only intimated
 - c. No sexual connotation

10. Common themes

- a. Is a conflict between son and parents
- b. Conflict is primarily with woman
- c. Conflict is primarily with man
- d. Son has some misfortune and receives consolation and support from parent(s)
- e. None of above

- 11. a. Son "sins" but is supported by parents
- b. Is a situation with boy, girl, and father
- c. Bizarre theme
- d. None of above

PICTURE II

12. Outcome of story

- a. Favorable ending due to hero's actions
- b. Unfavorable ending due to hero's actions
- c. Favorable ending due to outside agent(s)
- d. Unfavorable ending due to outside agent(s)
- e. No ending or resolution

13. Behaviors of hero (or heroes)

- a. Hero is in conflict with male figure
- b. Hero is in conflict with female figure
- c. Hero is in conflict with all figures
- d. Is "indiscriminate", general conflict
- e. There is no conflict

- 14. a. Hero breaks rules, laws, or engages in "wrong-immoral" behavior
- b. Hero conforms, is law abiding, does the right thing
- c. May be both: crime and repentance
- d. Issue of doing "right or wrong" not involved here

- 15. a. Hero engages in noticeably dominant behavior(is a strong character)
- b. Hero engages in noticeably submissive behavior(is a weak character)
- c. Dominant or submissive behavior not involved here

- 16. a. Hero manifests considerable anxiety
- b. Hero manifests little or no anxiety
- c. Neither of above

- 17. a. Hero expends lots of energy
- b. Hero expends average amount of energy
- c. Hero expends little energy, appears passive
- d. The above do not apply to this story

- 18. a. Hero is somewhat hostile and aggressive in his relations to others
- b. Hero receives hostility and aggressiveness from others
- c. There is a two way exchange of hostility and aggression
- d. None of the above apply to this story

19.
 - a. Hero has feelings of guilt, shame or remorse (intrapunitive)
 - b. Hero feels "worthy", respectable, guiltless
 - c. Hero blames others for his troubles (extrapunitive)
 - d. None of above apply
20.
 - a. Hero is the large, muscular, man standing
 - b. Hero is seated, apparantly sleeping
 - c. Hero is the obese, bald, character standing
 - d. None of above, or unknown
21. Common themes
 - a. Exercising (no plot)
 - b. Exercising or physical conditioning with some plot
 - c. Waiting, watching, passive recreation (message, etc.)
 - d. None of above
22.
 - a. Before a fight
 - b. After a fight
 - c. Admiration of male figure, homosexual connotation
 - d. None of above
23.
 - a. Hero expends a considerable amount of energy
 - b. Hero expends an average amount of energy
 - c. Hero expends little energy, appears passive
 - d. None of above

PICTURE III

24. Outcome of story
 - a. Favorable ending due to hero's action
 - b. Unfavorable ending due to hero's action
 - c. Favorable ending due to outside agent(s)
 - d. Unfavorable ending due to outside agent(s)
 - e. No ending or resolution
25. Behaviors of hero (or heroes)
 - a. Hero is in conflict with male figure
 - b. Hero is in conflict with female figure
 - c. Hero is in conflict with both figures
 - d. Is "indiscriminate", general conflict
 - e. No conflict
26.
 - a. Hero breaks rules, laws, or engages in "wrong-immoral" behavior
 - b. Hero conforms, is law abiding, does the right thing
 - c. May be both: crime and repentance
 - d. Issue of doing "right or wrong" not involved here
27.
 - a. Hero engages in noticeably dominant behavior(is a strong character)
 - b. Hero engages in noticeably submissive behavior(is a weak character)
 - c. Dominant or submissive behavior not involved here

- 66
28.
 - a. Hero manifests considerable anxiety
 - b. Hero manifests little or no anxiety
 - c. Neither of above
 29.
 - a. Hero is the injured man
 - b. Hero is one of the men supporting the injured man
 - c. Hero is the crowd
 - d. None of above, or unknown
 30.
 - a. Hero expends lots of energy
 - b. Hero expends average amount of energy
 - c. Hero expends little energy, appears passive
 - d. The above do not apply to this story
 31.
 - a. Hero is somewhat hostile and aggressive in his relations to others
 - b. Hero receives hostility and aggressiveness from environment
 - c. There is a two way exchange of hostility and aggression
 - d. None of the above apply to this story
 32.
 - a. Hero has feelings of guilt, shame or remorse (intrapunitive)
 - b. Hero feels "worthy", respectable, guiltless
 - c. Hero blames others for his troubles (extrapunitive)
 - d. None of the above apply
 33.
 - a. Hero sexually aggressive
 - b. Sexual adventures only intimated
 - c. No sexual connotation
 34. Common themes
 - a. "Guy has been hurt" (no elaboration)
 - b. Violence is done to hero who is supported by friends
 - c. Violence is done to hero, crowd unsympathetic or hostile
 - d. Denial of violence
 - e. None of above
 35.
 - a. Hero is hurt by large group of people (mob)
 - b. Hero is hurt by one or two people
 - c. Hero is hurt, but it's his own fault
 - d. Hero is hurt, but it's an accident, nobody's fault
 - e. None of above
 36.
 - a. Hero is hurt by others, this is purposeful and malevolent
 - b. Hero is hurt, but it is impersonal (boxing match, war, etc.)
 - c. Everybody is in same boat
 - d. Hero is drunk
 - e. None of above
 37.
 - a. Defeat is a primary theme (for hero)
 - b. Delayed or ultimate victory (for hero)
 - c. None of above
-
-

38. Outcome of story
 - a. Favorable ending due to hero's action
 - b. Unfavorable ending due to hero's action
 - c. Favorable ending due to outside agent(s)
 - d. Unfavorable ending due to outside agent(s)
 - e. No ending or resolution
39. Behaviors of hero (or heroes)
 - a. Hero is in conflict with male figure
 - b. Hero is in conflict with female figure
 - c. Hero is in conflict with both figures
 - d. Is "indiscriminate", general conflict
 - e. There is no conflict
40.
 - a. Hero breaks rules, laws, or engages in "wrong-immoral" behavior
 - b. Hero conforms, is law abiding, does the right thing
 - c. May be both: crime and repentance
 - d. Issue of doing "right or wrong" not involved here
41.
 - a. Hero engages in noticeably dominant behavior(is a strong character)
 - b. Hero engages in noticeably submissive behavior(is a weak character)
 - c. Dominant or submissive behavior not involved here
42.
 - a. Hero manifests considerable anxiety
 - b. Hero manifests little or no anxiety
 - c. Neither of above
43.
 - a. Hero expends lots of energy
 - b. Hero expends average amount of energy
 - c. Hero expends little energy, appears passive
 - d. The above do not apply to this story
44.
 - a. Hero is somewhat hostile and aggressive in his relations to others
 - b. Hero receives hostility and aggressiveness from environment
 - c. There is a two way exchange of hostility and aggression
 - d. None of the above apply to this story
45.
 - a. Hero has feelings of guilt, shame or remorse (intrapunitive)
 - b. Hero feels "worthy", respectable, guiltless
 - c. Hero blames others for his troubles (extrapunitive)
 - d. None of above apply
46.
 - a. Hero sexually aggressive
 - b. Sexual adventures only intimated
 - c. No sexual connotation
47. Common themes
 - a. On duty as a guard, messenger, etc.
 - b. Legally off duty, looking around (recreation, sex, etc.)
 - c. AWOL, looking around (recreation, sex, etc.), not returning
 - d. AWOL, but probably returning to camp
 - e. None of above

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48. a. Hero is lost
 b. Is not known whether in combat zone or not
 c. Hero is in combat situation
 d. Is not in a combat situation (rear area, town)
 e. None of above

PICTURE V

49. Outcome of story

- a. Favorable ending due to hero's action
 b. Unfavorable ending due to hero's action
 c. Favorable ending due to outside agent(s)
 d. Unfavorable ending due to outside agent(s)
 e. No ending or resolution

50. Behaviors of hero (or heroes)

- a. Hero is in conflict with male figure
 b. Hero is in conflict with female figure
 c. Hero is in conflict with both figures
 d. Is "indiscriminate", general conflict
 e. There is no conflict

51. a. Hero breaks rules, laws, or engages in "wrong-immoral" behavior
 b. Hero conforms, is law abiding, does the right thing
 c. May be both: crime and repentance
 d. Issue of doing "right or wrong" not involved here

52. a. Hero engages in noticeably dominant behavior(is a strong character)
 b. Hero engages in noticeably submissive behavior(is a weak character)
 c. Dominant or submissive behavior not involved here

53. a. Hero manifests considerable anxiety
 b. Hero manifests little or no anxiety
 c. Neither of above

54. a. Hero is the central figure (talking and gesturing)
 b. Hero is the "listener" on the right
 c. Hero is the "whole group"
 d. Unknown or none of above

55. a. Hero expends lots of energy
 b. Hero expends average amount of energy
 c. Hero expends little energy, appears passive
 d. The above do not apply to this story

56. a. Hero is somewhat hostile and aggressive in his relations to others
 b. Hero receives hostility and aggressiveness from environment
 c. There is a two way exchange of hostility and aggression
 d. None of the above apply to this story

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57. a. Hero has feelings of guilt, shame or remorse (intrapunitive)
 b. Hero feels "worthy", respectable, guiltless
 c. Hero blames others for his troubles (extrapunitive)
 d. None of the above apply
58. Common themes
 a. Combat scene. GI's are passive, waiting, immobilized or verbalizing
 b. Combat scene. GI's are active, doing something, preparing for action
 c. GI's in a non-combat setting
 d. Bizarre or unusual theme
 e. None of above
59. a. Someone is killed or injured
 b. Everything "fine and dandy", nothing serious
 c. None of above

PICTURE VI

60. Outcome of story
 a. Favorable ending due to hero's action
 b. Unfavorable ending due to hero's action
 c. Favorable ending due to outside agent(s)
 d. Unfavorable ending due to outside agent(s)
 e. No ending or resolution
61. Behaviors of hero (or heroes)
 a. Hero breaks rules, laws, or engages in "wrong-immoral" behavior
 b. Hero conforms, is law abiding, does the right thing
 c. May be both: crime and repentance
 d. Issue of "right or wrong" not involved here
62. a. Hero manifests considerable anxiety
 b. Hero manifests little or no anxiety
 c. Neither of above
63. a. Hero expends lots of energy
 b. Hero expends average amount of energy
 c. Hero expends little energy, appears passive
 d. The above do not apply to this story
64. a. Hero is somewhat hostile and aggressive in his relations to others
 b. Hero receives hostility and aggressiveness from environment
 c. There is a two way exchange of hostility and aggression
 d. None of the above apply to this story
65. a. Hero has feelings of guilt, shame or remorse (intrapunitive)
 b. Hero feels "worthy", respectable, guiltless
 c. Hero blames others for his troubles (extrapunitive)
 d. None of above apply

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66. Common themes
- a. Explosion described, no plot
 - b. Explosion described, some plot development
 - c. Explosion not mentioned
67. a. Explosion is friendly (U.S.)
 b. Is an enemy explosion (from enemy planes, artillery, etc.)
 c. U.S. or enemy source, unknown
 d. None of above
68. a. Death and injury mentioned
 b. Escape from harm, no injury
 c. Neither of above

OVERALL RATINGS ON ALL STORIES

69. Relatedness of stories to pictures
- a. Stimulus bound (sticks to what is in picture)
 - b. Story built rationally from pictures, then expands
 - c. Story is almost unrelated to pictures
 - d. Mixed stories
 - e. None of these
70. Coherency, intelligibility and communicability
- a. Poor
 - b. Average
 - c. Quite good
71. Complexity of plot
- a. Very simple
 - b. Average
 - c. Rather complex
72. Number of sexual themes
- a. None
 - b. One
 - c. Two
 - d. Three or more
73. Number of outcomes favorable for hero (Items 1,12,24,38,49,60—a and c)
- a. None
 - b. One
 - c. Two
 - d. Three or more
74. Number of outcomes unfavorable for hero (Items 1,12,24,38,49,60—
 b and d)
- a. None
 - b. One
 - c. Two
 - d. Three or more

75. Number of outcomes in doubt or unknown (Items 1,12,24,38,49, 60—e)
 - a. None
 - b. One
 - c. Two
 - d. Three or more
76. Hero solves own problem (Items 1,12,24,38,49,60—a and b)
 - a. No times
 - b. Once
 - c. Twice
 - d. Three or more times
77. Outside agent solves problem (Items 1,12,24,38,49,60—c and d)
 - a. No times
 - b. Once
 - c. Twice
 - d. Three or more times
78. Emotional tone
 - a. Dull, dry, unimaginative, mild
 - b. Average
 - c. Colorful, passionate, descriptive, shocking
79. Pessimism - Optimism
 - a. Pessimistic, bitter, negative
 - b. Average
 - c. Optimistic, warm, positive
80. Grammar
 - a. Grammatically good to excellent
 - b. Grammatically average
 - c. Grammatically poor
81. Style
 - a. Ideas and events presented precisely, definitely, and absolutely
 - b. Ideas and events presented in average fashion
 - c. Ideas and events presented in ambiguous, indefinite, vague fashion
82. Mode of subject's expression
 - a. Primary emphasis on THOUGHTS and FEELINGS
 - b. Primary emphasis on what people SAID
 - c. Primary emphasis on what people DID
 - d. Adequate balance of both of above
 - e. None of these
83. Style of writing
 - a. Rational reporting, objective, no embellishment
 - b. Feeling approach, intuitive, introspection, interpretive writing
 - c. Adequate balance of both of above
 - d. None of above
84. Nonsequiturs
 - a. Presence of one or more lapses in thought or nonsequiturs
 - b. Absence of lapses

85. Bug-out vs combat activity
- a. One or more stories involved "bug-out" behavior
 - b. One or more stories involved aggressive combat (war) behavior
 - c. Both of the above occurred
 - d. Neither of the above occurred
86. Productivity
- Indicate total number of lines in all stories at bottom of page.
(Count even partial lines)
87. Fighter Prediction
- a. Fighter
 - b. Nonfighter
 - c. Indeterminate
88. Certainty of rating in 87
- a. very certain
 - b. fairly certain
 - c. doubtful
 - d. very doubtful

APPENDIX H
Results of Word Suggestion Inventory
Part II, Multiple Choice Section

	%F	%NF	P		%F	%NF	P
1. ENTERTAIN				10. MISER			
stage	35	32		dislike	19	23	
cocktails	15	12		money	29	30	
friends	49	54		stingy	51	45	
2. RISKY				11. STERN			
business	42	49		father	29	30	
excitement	34	22	.05	serious	51	45	
fear	25	29		cruel	19	23	
3. SWEAR				12. LEISURE			
anger	36	19	.05	work	17	24	
oath	12	22	.05	rest	61	52	
curse	51	58		play	20	22	
4. PROPELLER				13. LUCK			
wind	12	13		bad	22	26	
blade	56	47		gamble	40	26	.05
fly	29	37		fortune	36	46	.10
5. SLAP				14. DOCTOR			
smack	29	33		office	34	28	
hurt	25	17	.10	sickness	45	54	
hit	44	50		curing	21	19	
6. LEADER				15. ENLISTED			
Hitler	19	19		volunteer	53	63	.10
follower	34	25	.10	draft	25	22	
president	44	51		man	21	14	
7. RUN				16. SUICIDE			
walking	22	31	.10	kill	53	56	
hard	10	6		gun	12	11	
fast	68	63		tragedy	33	32	
8. GABBY				17. WHINE			
talkative	47	37	.10	dog	43	31	
talking	14	29	.01	cry	30	45	.01
women	38	33		complain	24	21	
9. SLEEP				18. COMMANDER			
tired	50	46		brass	30	19	.05
pillow	11	16		leader	63	69	
snooze	37	35		victory	4	7	

	%F	%NF	P		%F	%NF	P
19. STINGY				29. MEDIOCRE			.12
poor	10	9		poor	22	15	
tight	79	80		bad	26	18	.10
money	11	10		average	43	51	
20. MATURE				30. SQUEEZE			
masculine	10	13		band	29	19	.05
strong	20	25		lemon	44	51	
grown up	68	60		hard	25	29	
21. COWARD				31. TASKMASTER			
sad	6	13	.05	hard	22	17	
yellow	74	57	.001	father	23	25	
chicken	19	29	.05	officer	53	54	
22. GAMBLING				32. DETEST			
poker	53	47	.05	hate	40	28	.05
luck	25	24		disgust	24	35	
dice	20	28	.10	dislike	35	34	
23. CONTRACT				33. UNEASY			
construction	40	49		nervous	60	63	
sign	42	40		nothing	9	8	
bind	12	10		uncertain	31	25	
24. RED				34. GUTS			
blue	30	28		stomach	30	34	
fire	35	33		courage	39	34	
rose	34	43		nerve	28	28	
25. PHONE				35. READ			
ring	60	57		study	22	17	
date	9	7		newspaper	40	37	
call	30	33		book	37	43	
26. INSUBORDINATION				36. EXCITABLE			
punish	21	25		flighty	11	11	
disobey	47	40		emotional	42	30	
court martial	25	38	.05	jumpy	47	55	
27. MELODY				37. STUPID			
orchestra	18	17		slow	17	16	
music	70	59	.10	thick	11	10	
singing	12	22	.10	dumb	71	71	
28. NEAT				38. MORALE			
female	25	25		poor	29	33	
tidy	47	40		war	24	27	
orderly	25	34	.10	high	45	40	

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	%F	%NF	P
39. JANUARY			
New Year	66	75	
winter	19	11	.10
February	15	12	
40. BUST			
statue	12	14	
breast	58	41	.01
break	29	45	.01
41. SOCIAL			
gay	23	14	.05
party	48	58	.10
life	28	28	
42. MONEY			
bank	55	51	
spend	20	23	
dough	22	25	
43. ERRAND			
boy	54	43	.10
run	21	28	
task	24	30	
44. DESPERATE			
hard	43	33	.10
suicide	18	29	.05
men	37	35	
45. LAZY			
stupid	14	22	.10
sleepy	65	61	
fat	20	15	
46. BETRAY			
disappoint	29	17	.05
spy	27	22	
traitor	57	57	
47. FISHING			
boat	18	41	
pole	39	47	
hunting	14	12	
48. LAW			
court	29	35	
jail	32	19	.05
order	39	46	

	%F	%NF	P
49. MEDAL			
war	25	20	
courage	43	46	
soldier	32	31	
50. DESTROY			
kill	61	55	
smash	30	37	
hurt	7	7	
51. EXAMINATION			
physical	36	42	
doctor	24	29	
test	40	28	.05
52. YELLOW			
color	46	59	.05
coward	48	31	.01
fear	5	7	
53. HONOR			
brave	54	39	.01
honest	12	24	.01
respect	33	36	
54. SPY			
peek	24	21	
war	40	26	.05
secret	35	51	.001
55. DIGESTION			
vomit	16	17	
food	37	41	
stomach	44	43	
56. BROKE			
rank	22	20	
money	65	68	
hungry	14	10	
57. CHEER			
Christmas	29	33	
applaud	37	24	
happy	34	40	
58. FREE			
jail	22	21	
divorce	30	25	
man	47	54	

	%F	%NF	P		%F	%NF	P	.H4
59. FOUL				69. FEARFUL				
play	47	48		anxious	31	23		
chicken	40	39		coward	35	28		
smell	12	13		danger	34	48	.05	
60. CHESS				70. FACE				
board	27	15	.10	sad	31	28		
game	67	74		nose	28	31		
dull	6	13	.10	head	39	40		
61. SPADE				71. SPELL				
garden	27	30		correct	26	34		
cards	18	18		school	35	42		
shovel	43	51		dictionary	34	25	.10	
62. DEAD				72. PHILOSOPHY				
cold	24	19		dull	19	27		
sad	10	9		old	22	18		
funeral	64	72		think	53	52		
63. GENERAL				73. NUT				
discipline	7	11		crazy	60	55		
commander	67	63		crack	25	28		
brass	24	25		hard	12	17		
64. TRAMP				74. SWITCH				
march	16	22		tell	38	35		
dirty	20	15		steal	39	32		
bum	61	65		tattle	21	27		
65. DEFEND				75. ACE				
resisting	20	16		poker	60	57		
love	16	13		hero	17	23	.05	
fight	62	69		plane	21	13	.10	
66. DANGER				76. SUCK				
fear	49	59	.10	breast	47	34		
stop	23	22		mouth	32	25		
excitement	27	19		baby	20	39	.001	
67. LICK				77. NEXT				
spanking	19	34		line	48	43		
defeat	40	34		wait	32	31		
tongue	38	31		future	19	27	.10	
68. RESPECT				78. FAINT				
parents	49	46		woman	28	19	.10	
admire	25	22		dizzy	60	69		
honor	21	31	.10	sick	11	10		

					H5			
	%F	%NF	P		%F	%NF	P	
79. NAIL				89. WING				
scratch	14	28	.01	bird	60	50	.10	
iron	19	12	.10	command	9	6		
hammer	66	60		fly	30	44	.05	
80. CHEAP				90. STRESS				
bargain	56	61		accent	17	21		
shoddy	24	13	.05	strain	56	54		
woman	19	25		emphatic	22	22		
81. COPY				91. PRACTICAL				
boring	14	25		sensible	50	44		
cheat	63	46	.01	workable	19	22		
cat	22	28		useful	28	32		
82. PICKET				92. DUMB				
strike	39	23	.01	happy	7	12		
fence	55	64		ignorant	43	43		
violence	5	12	.05	stupid	48	45		
83. LOVE				93. INTELLIGENCE				
wonderful	17	16		smart	58	64		
sex	29	37		test	12	10		
marriage	52	46		IQ	27	25		
84. MINISTER				94. UNDEPENDABLE				
religion	55	46		trustworthy	18	26	.10	
preach	38	46		dishonest	64	58		
dull	6	5		weather	14	13		
85. LOST				95. CAREFUL				
hunt	25	23		driver	33	49	.01	
confused	24	27		cautious	53	43	.10	
found	48	49		prevent	11	7	.10	
86. BITE				96. TWIST				
snake	40	35	.01	force	16	23		
teeth	43	46		rope	27	25		
chew	15	19		turn	55	50		
87. SON				97. SUPPORT				
young	45	53		back	24	28		
father	37	32		hold	55	50		
daughter	16	14		arch	19	22		
88. CRIMINAL				98. DISCIPLINE				
dangerous	27	40	.05	chicken	10	13		
thief	44	33	.10	strict	63	54		
prison	27	26		officer	25	31		

	%F	%NF	P		%F	%NF	P
99. BLACKJACK				109. ARGUE			
cards	67	64		yell	11	10	
slug	28	28		fight	31	28	
gun	4	7		disagree	55	63	
100. DRINKING				110. POETRY			
sick	5	4		dull	12	13	
drunk	53	50		poet	81	73	.10
thirsty	42	46		disagree	3	12	
101. FATHER				111. TEASE			
breadwinner	25	25		strip	44	33	.10
mother	60	60		animals	25	34	
child	11	13		women	29	31	
102. TRUSTED				112. APOLOGIZE			
betray	9	13		accident	6	7	
loyal	79	67		forgive	83	82	
policeman	11	19	.10	embarrass	8	7	
103. MODERN-ART				113. RELIGION			
crazy	30	13	.001	useful	5	8	
color	46	65	.001	bunk	9	5	
abstract	16	22		God	83	85	
104. MATHEMATICS				114. SHEET			
difficult	16	11		paper	66	58	
figure	61	63		bed	25	28	
count	20	24		mattress	7	11	
105. OFFICE				115. FIGHT			
typewriter	43	46		win	41	49	
work	38	27		fist	45	37	
worker	18	27	.10	bruise	11	16	
106. IMPROVE				116. PLAY			
sick	4	4		children	17	18	
better	89	90		games	71	72	
worse	6	7		love	9	7	
107. NO				117. WORRY			
deny	38	26		sickness	14	13	
never	39	37		problem	65	62	
yes	23	37	.01	bother	18	24	
108. DETECT				118. CLING			
guilty	18	25		helpless	11	19	
find	70	63	.05	hold	61	57	
thief	9	10		grab	24	20	

	%F	%NF	P		%F	%NF	P	H7
119. HEAVY				130. VICTORY				
light	18	27	.10	death	11	10		
load	37	32		America	17	19		
weight	43	39		win	69	69		
120. WHISKEY				131. JUMP				
drunk	45	48		rabbit	18	34	.01	
party	17	16		fall	28	22		
bar	34	34		parachute	52	43		
121. CORRUPT				132. STRENGTH				
scandal	30	35		weakness	21	25		
rotten	48	39		weight	12	11		
government	17	23		muscle	65	61		
122. KNEEL				133. WHIP				
bend	54	43	.10	hurt	25	22		
submit	9	7		beat	66	72		
prayer	34	49	.01	hand	7	4		
123. SCREAM				134. REMEMBER				
pain	33	27		forget	24	28		
noise	54	50		recall	66	63		
danger	11	22	.01	vacation	6	7		
124. HESITATE				135. RETREAT				
doubtful	38	37		defeat	44	49		
stop	32	31		enemy	29	28		
wait	25	34	.13	war	24	20		
125. UNFAIR				136. MAN				
just	12	15	.10	sex	37	26	.05	
cheat	72	70		female	26	31		
dirty	14	14		strong	35	33		
126. SPIT				137. FLOWERS				
roast	7	12		odor	47	40		
saliva	60	43	.01	grave	20	15		
mouth	30	41	.05	wedding	34	42		
127. HUNTING				138. HELL				
license	28	26		religion	19	15		
kill	30	25		fire	66	66		
animal	39	49	.10	swear	13	16		
128. UNCLEAN				139. PROMOTION				
bath	16	15		reward	34	31		
vulgar	12	9		deserved	26	19		
dirty	70	75		raise	38	47		
129. DEMONSTRATE				140. ANIMAL				
show	43	35		zoo	53	48		
showing	39	49	.10	cat	27	34		
do	15	13		jungle	19	15		

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	%F	%NF	P		%F	%NF	P
141. GIRL				151. GRAND			
boy	30	35		flag	24	21	
woman	52	57		great	42	43	
soft	16	7	.05	money	29	34	
142. JERKING				152. COLLEGE			
car	30	32		football	53	44	
twitch	52	51		learn	40	49	
hurt	16	13		humor	3	5	
143. FLAG				153. MANEUVER			
cloth	25	22		tactics	79	63	.01
patriot	20	18		fly	9	22	.01
country	52	57		turn	7	13	.10
144. RIVER				154. GUILTY			
swim	25	16	.10	innocent	28	32	
fish	19	17		sentence	40	43	
water	55	64		jail	29	25	
145. MEAT				155. FREEZE			
red	13	4	.01	storm	8	7	
eating	50	64	.05	cold	76	70	
dinner	35	30		ice cream	13	20	
146. RAINING				156. WHISTLE			
damp	35	37		bird	30	34	
dark	17	11		cop	40	38	
umbrella	45	50		girl	27	27	
147. EMOTIONAL				157. EAGER			
female	40	29	.05	ambition	27	33	
unstable	30	31		anxious	58	46	.05
nervous	26	37	.05	beaver	14	19	
148. CHOKING				158. SLANDER			
gasp	62	63		talk	33	41	
water	15	14		unfair	20	15	
dying	21	22		gossip	42	42	
149. HELPLESS				159. FRATERNITY			
child	34	28		social	35	37	
frail	20	22		brother	27	28	
in need	44	53		initiation	34	28	
150. HUMOROUS				160. BARGAIN			
laugh	46	34		deal	54	63	
comics	19	17		cheap	34	25	.10
joke	33	47	.05	money	11	11	

	%F	%NF	P		%F	%NF	P	H9
161. FARM				172. OLD				
cow	20	24		wrinkled	13	12		
barn	25	19		pension	10	7		
country	55	54		age	76	78		
162. PRIVATE				173. GAS				
room	51	46		war	18	13		
arm	6	7		tank	57	64		
alone	43	45		indigestion	24	20		
163. DRAFT				174. LEAD				
breeze	16	16		heavy	27	22		
service	35	31		pencil	59	55		
army	46	51		officer	14	20		
164. AIRSICK				175. RING				
vomit	31	30		phone	62	60		
dizzy	60	62		finger	14	16		
green	6	6		wedding	23	21		
165. PAIN				176. PUPIL				
death	12	10		eye	25	19		
hurt	73	69		student	66	63		
sharp	14	19		books	7	15	.05	
166. BATTLE				177. BLINK				
field	35	34		light	33	40		
war	58	55		eye	52	48		
star	6	10		surprise	14	10		
167. PILLOW				178. SIR				
soft	42	51		salute	22	23		
head	24	13	.05	respect	47	39		
bed	34	34		rank	30	36		
168. REVOLUTION				179. SYMPHONY				
wars	46	43		dull	13	14		
bloodshed	18	26	.10	music	45	48		
revolt	35	26	.10	concert	40	31		
169. MINER				180. ACCIDENT				
lamp	9	11		fire	16	13		
coal	78	45	.001	ambulance	50	49		
young	12	19	.10	fall	34	34		
170. COLORED				181. POOR				
Negro	66	61		jobless	41	29	.05	
man	20	14		shiftless	17	19		
prejudice	13	13		hungry	40	49		
171. SLINK								
dark	9	17	.05					
sneak	66	53						
afraid	22	25						

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	%F	%NF	P		%F	%NF	P
182. MOVIES				192. BLIND			
films	62	68		justice	11	9	
westerns	24	16	.10	eye	63	57	
glamour	12	16		see	25	23	
183. BOIL				193. ROW			
pimple	15	20		fight	14	10	
water	74	70		aisle	20	19	
mad	11	7		boat	65	69	
184. YOUTHFUL				194. JAM			
fun	12	12		jelly	78	81	
young	76	74		difficulty	16	7	.05
strong	10	13		radio	3	9	.05
185. NAG				195. STRIP			
horse	53	51		naked	57	54	
yak	24	23		clothes	24	28	
women	22	25		tease	17	16	
186. PUNCH				196. FLY			
drink	30	37		zipper	17	21	
hit	58	49		swatter	35	14	.001
poke	17	14		pilot	47	63	.01
187. WAGE				197. ASH			
fair	9	14		fire	20	16	
work	24	29		cigarette	28	28	
money	60	54		tray	51	55	
188. DATE				198. HOSE			
girl	78	77		garden	51	48	
food	3	4		nylon	28	33	
calendar	14	19		leg	20	17	
189. CHILDREN				199. KID			
noise	19	17		child	78	78	
kids	65	75	.10	joke	11	10	
father	14	7	.05	glove	10	10	
190. RATTLE				200. SAW			
snake	78	70		see	35	46	
car	12	13		work	7	10	
baby	9	14		wood	57	42	
191. LIE							
truth	59	59					
bed	18	20					
steal	22	19					

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APPENDIX I

The Interest-Opinion Questionnaire* (I.O.Q.)
Scoring Key and Item Sources for Forms A & B

Items for the I.O.Q. were derived from the following tests:

- A. Strong Vocational Interest Blank (54)
- B. Military Interest Blank (38)
- C. Personal Philosophy Inventory (3)
- D. California Psychological Inventory (30)
- E. Minnesota Multiphasic Personality Inventory (34)
- F. IPAT Humor Form A (13)
- G. IPAT 16 PF Form A (15)
- H. SOCON (41)
- I. Life History Inventory
- J. Objective Test Battery (9)
 - 1. Judgement of Human Nature
 - 2. Points of View
 - 3. Judgements
 - 4. Book Preferences

The scoring key is applied in the following manner:

- 1. add 1 point for: F = Fighter
 - TP = True Positive
 - FN = False Negative
- 2. subtract 1 point
 - for: NF = Non-fighter
 - TN = True Negative
 - FP = False Positive

*Copies of the I.O.Q., Forms A & B may be obtained from
Human Research Unit No. 2, CONARC, Box 446, Fort Ord, California

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Form A			Key			Form A			Key	
Item No.	Test	Source Item	L	I	D	Item No.	Test	Source Item	True	False
1	A	1	NF			53	C	7		F
2		15			F	54		10		F
3		35			NF	55		20		F
4		53			F	56		32		F
5		62	NF			57		44		F
6		63	NF		F	58		53	F	
7		73		F		59		61		F
8		94	F							
9		102			NF	60	D	43		F
10		127			NF	61		59		F
11		159			F	62		148		F
12		162			NF	63		232		F
13		180			NF	64		249		F
14		181		F		65		263		F
15		230	NF			66		296		F
16		235			NF	67		327		F
17		270			F	68		361		F
						69		375	F	
18	B	51	NF			70		406		F
19		62		NF	F	71		435		F
20		63			F					
21		79		NF	F	72	E	19		F
22		83			F	73		27		F
23		93			F	74		46	F	
24		116			NF	75		64	F	
25		120	NF	F		76		153	F	
26		245			F	77		160	F	
27		259			NF	78		223	F	
28		315			F	79		266		F
29		330	NF			80		316		F
30		370	NF			81		369	F	
31		376	F			82		423	F	
32		400	F		NF	83		477	F	
						84		492		F
33	A	12	TP			85		559		F
34		21	FP		TP					
35		32	TP			86	J1	6		F
36		42	TP							
37		59	TP		FP	87	J2	11		F
38		155	TP							
39		200			TP	88	J3	16		F
40		211		TP	FP	89		22		F
41		277			FP					
42		51	TN			90	E	111		TP
43		64	TN			91		81	TP	
44		113		FN	TN	92		241	TP	
45		120	TN			93		476		TP
46		139		FN		94		434	TP	
47		202	TN		FN	95		501		TP
48		206	TN			96		235	TP	
49		238		FN	TN	97		6	TP	
50		257		FN		98		299	TP	
51		220	FP		TP	99		84		TP
52		233	TN		FN	100		448		TP

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Form A Item No.	Source		Key		
	Test	Item	L	I	D
101		424	TP		
102		409	TP		
103		147	TP		
104		389		TP	
105		10	FN		
106		103		FN	
107		173		FN	
108		390	FN		
109		263	FN		
110		361	FN		
111		301	FN		
112		511	FN		
113		412		FN	
114		303	FN		
115		336	FN		
116		43	FN		
117		560	FN		
118		465	FN		
119		381	FN		
			a	b	
120	F	14		F	
121		59		F	
122		28		F	
123		49	F		
124		62		F	
125	J4	14	F		
126	G	6		F	
127		21		F	
128		26		F	
129		40		F	
130		64		F	
131		142		F	
132		178		F	
133		185		F	
134		93	F		
			a	b	c d e
135	H	2			
136		5	F		
137		14		F	
138		76	F		
139		4		NF	F
140		21			F
141		39		F	NF
142	I	13		NF	
143		86	F	F	NF
144		89	F		
145		95		NF	F
146		39	F		
147		50	F	F	
148		35	F	F	F
149		49		NF	F
150		70			NF

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Form B Item No.	Source		Key			Form B Item No.	Source		Key		
	Test	Item	L	I	D		Test	Item	L	I	D
1	A	14		NF		49		191	FN		
2		27			F	50		203	TN		
3		37			NF	51		222		TN	FN
4		64	NF		F	52		253		FN	TN
5		65			F	53		265	TN		
6		76			F	54		277		FN	TN
7		93		NF							
8		105			F				True	False	
9		121	F			55	C	1	F		
10		124	NF			56		18	F		
11		128		NF		57		28			F
12		142	F		NF	58		39			F
13		165	F			59		45			F
14		178	F			60		60			F
15		184	NF								
16		244		F		61	D	10			F
17		268			NF	62		57			F
18	B	29			F	63		138	F		
19		33	NF	F		64		236	F		
20		65			F	65		253			F
21		78	NF		F	66		287			F
22		86			F	67		324			F
23		98	F	NF		68		337			F
24		105	NF			69		372			F
25		117			NF	70		384	F		
26		134	F			71		427			F
27		267	NF			72		437			F
28		284	F			73	E	25			F
29		354	NF			74		41			F
30		355	F			75		61			F
31		367		F		76		94			F
32		381	NF			77		107	F		
33		398			F	78		158	F		
34		393			F	79		166			F
35	A	16	FP		TP	80		248	F		
36		24	TP		FP	81		295			F
37		34	TP		FP	82		341			F
38		46	TP	TP		83		393			F
39		124	FP			84		454	F		
40		152	TP		FP	85		480			F
41		192	TP			86		553			F
42		210	TP		FP	87		359			
43		219	TP			88	J2	10			F
44		271	FP	TP		89		13	F		
45		56	FN	TN							
46		100	TN	FN		90	J3	20			F
47		117		TN							
48		132		FN		91	E	537	TP		

Form B		Source		Key		Form B		Source		a	b	c	d	e
Item No.	Test	Item	True	False	Item No.	Test	Item							
92		488		TP	136	H	1		F					
93		427		TP	137		9	F						
94		475		TP	138		13		F	F				
95		536		TP	139		37			F				
96		176	TP		140		18					F		
97		128	TP		141		26			NF	F	F		
98		525		TP	142		51					F		
99		294		TP	143		78					F		
100		24		TP										
101		439	TP		144	I	61	F		NF	NF			
102		417	TP		145		62	F		NF				
103		260	TP		146		81		NF		F			
104		428	TP		147		92		NF					
105		365	TP		148		93		F	NF				
106		198		FN	149		34	F					F	
107		552		FN	150		44		F	F	F	F		
108		404	FN											
109		405		FN										
110		542		FN										
111		304	FN											
112		68		FN										
113		416	FN											
114		374	FN											
115		521		FN										
116		133		FN										
117		328	FN											
118		487	FN											
119		399		FN										
120		362	FN											
			a	b										
121	F	2	F											
122		11	F											
123		69		F										
124		39		F										
125		54		F										
126		65		F										
127	J4	20	F											
128	G	7	F											
129		22	F											
130		35		F										
131		63		F										
132		81		F										
133		159	F											
134		180		F										
135		38	F											

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APPENDIX J

CASE HISTORIES OF TWO FIGHTERS AND

TWO NONFIGHTERS

CASE HISTORY NUMBER ONE: FIGHTER HARRY

Vital Statistics: White, married, 22 years old, 6'0", 190 pounds, Lutheran, sergeant, 9th grade education, Army Mental Group III (Officer Candidate Test score placed him in Mental Group II)

Description of Combat Performance:

In for DSC. Generally stated to have been spearhead of attack. In face of enemy observation and fire, dug out 2 wounded GI's from bunker in which they had barricaded themselves. Later took enemy-held bunker by jumping up on it twice and throwing in grenades; with covering fire jumped into trench and plastered inside of bunker with M-2 carbine fire.

Life History and Interview:

During the interview Harry was rated as possessing a high degree of cognitive organization and of identification with his combat unit. He was described as being cooperative and self-assured, neat in dress, relaxed in posture, fluent in his use of words.

Harry is an only child whose father died of a heart attack when the boy was sixteen. Harry left school after completing the 9th grade to help support his mother. He worked as a railroad trackman and later as an assistant foreman in a woolen mill. At 21 he married a girl to whom he had been engaged for 8 months. They hope to have 2 or 3 children. Although they had lived together for only a few days because of Harry's being drafted, the marital adjustment was described as good.

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Harry's father was a Midwestern farmer with a low and variable income. He belonged to a farmers association, a church group, and a hunting and fishing club. He was described by Harry as being "an average guy," not an outstanding success but not a failure. He lacked ambition, was generous, kind, and slightly nervous. Harry's mother was an efficient homemaker, anxious, patient, and described as somewhat neurotic. Both parents were interested in religion and attended the English Lutheran church regularly. The home atmosphere was permissive. Both parents entered in equally on matters of discipline. Punishment was minimal, consistent, primarily verbal in nature, and reasonable in administration. Harry indicated that he rarely disagreed with his parents' wishes and that they handled matters "just about perfectly." While he was moderately close to his parents he tended to keep his problems to himself. His sex education came from his father. His first sexual experience was at 21 when he married; he voiced disapproval of premarital relations.

Harry has always had excellent health although he did stutter during his childhood. He found it easy to join clubs and do what he wanted; he enjoyed organizing games and activities at parties. He attended church regularly, was a Boy Scout, and participated in school sports. He dated rarely and spent little money on recreation, devoting 7 hours or more each week on family duties and earning about \$5 a week on parttime jobs during his school years. He also worked during his summer vacations. He kept a budget and has had a savings account since grammar school. When asked in what terms people would most likely describe him, he checked, "drive,

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determination, will power." He claimed his greatest personality weakness was, "saying the wrong thing at the wrong time." He drinks only socially, has never been drunk, smokes 4 cigars a day and no cigarettes. His future occupational goal is to go back to school and learn about textile manufacture.

Summary of Test Scores:

Harry's score of 24 on the Henmon-Nelson Intelligence Test is exceed by 90% of college freshman but it is 3 points above the mean of his peers. His Military Information Test is 2 standard deviations above the mean and most of his Army Aptitude test and area scores are considerably above the mean. He received more favorable nominations than unfavorable on the sociometric questionnaire. The majority of the adjectives he selected on the Gough Adjective Check List are positive. He has a high Fascism score on the California Public Opinion Scales and a very low Barron-Welsh Figure Preference Score, indicating a strong preference for designs which are simple, stable and symmetrical.

Analysis of his MMPI and CPI profiles suggests that Harry is a stable person psychologically. The high score on Leadership, elevations on Good Impression, Intellectual Efficiency, Social Participation and Dominance combine with below average scores on Dependency, Impulsivity and Welsh Factor A to create the picture of a well-balanced mature individual who would never get into trouble with the law or antagonize his associates in interpersonal relationships.

J4

STATUS: Fighter

NAME: Harry

ARMY APTITUDE TEST AND AREA SCORES

<u>Test</u>	<u>Score</u>	<u>Area</u>	<u>Score</u>
Reading Vocabulary	121	I	111
Arithmetic Reasoning	95	II	106
Pattern Analysis	116	III	108
Mechanical Aptitude	115	IV	105
Army Clerical Speed	99	V	None
Army Radio Code	Unsat	VI	111
Shop Mechanics	122	VII	118
Automotive Information	107	VIII	106
Electrical Information	98	IX	106
Radio Information	111	X	106

MINNESOTA MULTIPHASIC INVENTORY SCORES

Lie	63	Leadership	71
F	50	Tolerance	54
K	62	Femininity	44
Hypochondriasis	49	Role Playing	68
Depression	53	Delinquency	48
Hysteria	49	Psychological Interest	52
Psychopathic Deviate	55	Neurodermititis	71
Masculinity-Femininity	32	Social Presence	60
Paranoia	38	Impulsivity	34
Psychasthenia	46	Dissimulation	38
Schizophrenia	50	Welsh Factor A	35
Hypomania	63	Welsh Factor R	52
Social Introversion	42	Ego Strength	58
Responsibility	54	Dependency	34
Prejudice	59	Schizo. Screening Scale	59
Social Status	63	Low Backache	58
Dominance	55	Parietal Lobe Damage	35
Social Participation	64	Caudality	44
Intellectual Efficiency	61	Originality	47
Academic Achievement	64	Graduate School Potential	57
Honor Point Ratio	49		

CALIFORNIA PSYCHOLOGICAL INVENTORY SCORES

Responsibility	26	Honor Point Ratio	15
Tolerance	18	Psychological Interest	12
Flexibility	6	Social Presence	37
Social Status	19	Impulsivity	13
Dominance	32	Self Acceptance	18
Social Participation	29	Neurodermititis	15
Femininity	8	Infrequency	6
Delinquency	11	Good Impression	28
Intellectual Efficiency	43	Dissimulation	5
Academic Achievement	29		

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J5

STATUS: Fighter

NAME: Harry

SOCIOMETRIC STATUS WITH
TESTING CENTER ASSOCIATES

TEST	F-NF MEAN	SIGMA	SCORE
<u>Henmon-Nelson Intelligence Test</u>			
	21.46	12.49	24

California Public Opinion Scales

E	51.59	20.72	31
F	49.35	19.52	70
PEC	43.45	6.48	38

Judging Personality Films

PD	16.51	4.02	24
WL	53.33	7.97	53%

Cattell 16 PF*

A	9.49	2.77	12
B	6.40	2.21	9
C	15.38	4.09	21
E	12.48	3.31	17
F	13.67	3.29	16
G	11.48	2.73	12
H	14.87	4.28	18
I	8.50	3.07	4
L	9.65	2.93	13
M	11.07	3.32	11
N	10.38	2.64	14
O	10.20	4.87	3
Q ₁	8.69	2.77	9
Q ₂	9.62	2.87	6
Q ₃	10.90	3.05	13
Q ₄	11.26	4.39	6

Inventory of Personal Philosophy*

FB	9.81	2.32	12
FD	.69	1.22	0
EB	.93	1.41	0
ED	.65	.85	0
GO	12.66	3.09	10
Ex	7.95	1.84	12
Art	2.90	1.55	1
Ch	4.69	2.30	8
CGS	12.29	2.66	16
L	4.50	1.70	2
R	5.20	2.68	5
IO	8.47	2.50	7

Barron-Welsh Figure Preference

16.63	13.27	2
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Military Information Test

138.63	31.15	185
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	Most	Least
--	------	-------

R and R	24%	6
Bunker	18	0
Combat	29	0
A/Pl/Sgt	29	12
Money	18	6
Army Success	35	0
Leader	29	6
Stockade	0	—

STRONG VOCATIONAL INTERESTS

Most Similar

1. Production Manager
2. Purchasing Agent
3. Real Estate Salesman
4. Carpenter

Least Similar

1. Minister
2. City School Supt.
3. Mathematician
4. Physicist

Interest Maturity 45
Occupational Level 48.5
Masculinity-Femininity 67.5

GOUGH ADJECTIVE CHECK LIST

Positive Choices: (total 93)

Energetic
Honest
Determined
Understanding
Relaxed

Negative Choices: (total 5)

Hardhearted
Rigid
Reckless
Impatient
Demanding

SOCON T SCORE

Self-estimate	38
Inferred Self	47

*Full titles of factors are given in Appendix A.

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CASE HISTORY NUMBER TWO: NONFIGHTER CHESTER

Vital Statistics: White, single, 21 years old, 5'8", 161 pounds,
Lutheran, Private first class, 11th grade
education, Army Mental Group IV

Description of Combat Performance:

Very nervous. When flare was fired, he jumped and fired into the air. On patrol he had Automatic Rifle and leader could hardly keep him in position. Jumpy, irresponsible, "sees things," left position without orders, once "went crazy." On contact patrol he got very excited and started firing carbines up into trees and all around.

Life History and Interview:

Chester was rated by the interviewer as being a little above average in degree of cognitive organization and of identification with his combat unit. During the interview he was described as being cooperative, conscientious and interested; his dress was neat, his posture relaxed. He spoke with a slight lisp.

Chester is the older of two sons. His younger brother, whom Chester perceives as the mother's favorite, is 11 years old and crippled. Chester's description gives a picture of a socially isolated family in a fairly low financial bracket with no family friends or close relatives. The father is an unskilled laborer with a 6th grade education. Neither parent belonged to any clubs or community organizations although the mother attended the Lutheran church quite regularly.

The home atmosphere appears to have been one of bickering between mother and father, mother and Chester, Chester and his brother. The main source of friction between the parents related to the mother's constant desire to "go out and have a good time" while

the father preferred to stay home. Chester and his mother fought about his drinking, choice of friends, inattention to school, staying out late, unwillingness to go to church, frequent beatings of the younger brother, and his "laying around at home all the time." About the continual fighting with his younger brother, Chester said, "I must be spoiled or something because we didn't agree on things. A lot of things of mine he would take. You see I was the only boy for quite a while."

Chester described his father as a hard worker, a good provider, generous and kind. "I'd walk up to Dad and say, 'Dad, I need \$10' and I got \$10. If I needed a car or something, Dad would help me get a car. If I didn't want to go to work on a morning he'd say, 'Well, don't go this morning. Maybe you'll go tomorrow morning.'" He said his father's weakest point was being too easy-going.

Chester's mother was described as an excellent housekeeper who was particular about the children being tidy. "She was known as the best dressed woman in town...she liked to keep us kids dressed like that too." She had a "real soft heart," but was "awfully hot-headed." The father left all the disciplining to her. It was frequent, inconsistent and primarily physical. Scolding was constant.

Chester quit school 3 months before graduation because he and the teacher "didn't get along too good." His grades were poor; on the school grounds he continually disobeyed rules and fought with other children and gangs. He didn't participate in athletics, school activities or social functions. "I was sort of with a gang

of guys and we had our own parties and girls." He reported spending at least 4 nights a week at the movies or out drinking and "looking for women." He made no money on the side during school and never had a bank account. His only hobbies were trapping for pelts and working on cars. His post-Army occupational goal was to "get me a new Hudson and tear the insides out and race it on the track." He reported that he and his friends had frequently gotten into trouble for disorderly conduct and fighting. He reported having lived with a woman for 3 or 4 months before induction into the Army; he had a girl back home at the time of the interview but they were not engaged. When asked if he planned to go out with women in Japan he indicated that he probably would not because of the disease.

Chester's self-perception presents interesting contrasts which are borne out by his sociometric status and test scores. When asked to check his greatest personality weakness, Chester chose three: "sometimes having difficulty getting along with people," "saying the wrong thing at the wrong time," "being too easy going, lacking enough drive." He completed the statement "When it came to joining clubs, making the team and doing what I wanted in high school," with "I rarely succeeded." And yet when asked how other people would be most likely to describe him, he checked, "Popular and lots of fun." To "among the people you know where do you estimate you stand as an entertainer and leader in conversation and social affairs?" he indicated, "At the top or among the few best."

Summary of Test Scores:

Although Chester is placed in Army Mental Group IV, his Henmon-Nelson Intelligence Test score is quite close to the mean of his peers. His Army Aptitude test scores range from unsatisfactory to 115. Low scores on the MMPI and CPI scales relating to intellectual efficiency, responsibility, and academic achievement further indicate a lack of both intellectual interest and orientation toward achievement.

Results of the sociometric questionnaire reveal a combination of favorable and unfavorable nominations with negative votes outweighing the positive. His self-description via the Gough Adjective Check list provides an interesting contrast of favorable adjectives relating primarily to good looks and charm, and unfavorable ones primarily relating to conceit and irresponsibility. The low score on MMPI scales L and K, as well as on CPI Good Impression, further imply a frank and critical view of himself.

Extreme elevations on MMPI and CPI scales of Psychopathic Deviate and Delinquency with secondary peaks on Impulsivity, Schizophrenia, Dissimulation, and Hypomania give the impression of a compulsive rebel who acts out his anti-social impulses and who enjoys flaunting the mores of society.

J10

STATUS: Nonfighter

NAME: Chester

ARMY APTITUDE TEST AND AREA SCORES

Test	Score	Area	Score
Reading Vocabulary	95	I	78
Arithmetic Reasoning	66	II	69
Pattern Analysis	72	III	81
Mechanical Aptitude	88	IV	75
Army Clerical Speed	63	V	None
Army Radio Code	Unsat	VI	88
Shop Mechanics	111	VII	90
Automotive Information	103	VIII	80
Electrical Information	98	IX	94
Radio Information	115	X	98

MINNESOTA MULTIPHASIC INVENTORY SCORES

Lie	43	Leadership	44
F	72	Tolerance	40
K	40	Femininity	44
Hypochondriasis	52	Role Playing	33
Depression	53	Delinquency	64
Hysteria	51	Psychological Interest	29
Psychopathic Deviate	83	Neurodermatitis	46
Masculinity-Femininity	57	Social Presence	51
Paranoia	67	Impulsivity	75
Psychasthenia	69	Dissimulation	61
Schizophrenia	73	Welsh Factor A	64
Hypomania	70	Welsh Factor R	41
Social Introversion	55	Ego Strength	46
Responsibility	35	Dependency	70
Prejudice	45	Schizo. Screening Scale	44
Social Status	50	Low Backache	43
Dominance	39	Parietal Lobe Damage	41
Social Participation	44	Caudality	63
Intellectual Efficiency	34	Originality	39
Academic Achievement	35	Graduate School Potential	31
Honor Point Ratio	42		

CALIFORNIA PSYCHOLOGICAL INVENTORY SCORES

Responsibility	17	Honor Point Ratio	13
Tolerance	9	Psychological Interest	5
Flexibility	12	Social Presence	34
Social Status	12	Impulsivity	44
Dominance	25	Self Acceptance	21
Social Participation	20	Neurodermatitis	19
Femininity	14	Infrequency	3
Delinquency	32	Good Impression	4
Intellectual Efficiency	24	Dissimulation	21
Academic Achievement	9		

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J11

STATUS: Nonfighter

NAME: Chester

SOCIOMETRIC STATUS WITH
TESTING CENTER ASSOCIATES

F-NF
TEST MEAN SIGMA SCORE
Henmon Nelson Intelligence Test

21.46 12.49 19

California Public Opinion

E	51.59	20.72	29
F	49.35	19.52	37
EEC	43.45	6.48	57

Judging Personality Films

PD	16.51	4.02	17
WL	53.33	7.97	52%

Cattell 16 PF*

A	9.49	2.77	11
B	6.40	2.21	8
C	15.38	4.09	16
E	12.48	3.31	14
F	13.67	3.29	22
G	11.48	2.73	12
H	14.87	4.28	18
I	8.50	3.07	4
L	9.65	2.93	14
M	11.07	3.32	20
N	10.38	2.64	6
O	10.20	4.87	22
Q1	8.69	2.77	5
Q2	9.62	2.87	18
Q3	10.90	3.05	6
Q4	11.26	4.39	22

Inventory of Personal Philosophy*

FB	9.81	2.32	10
FD	.69	1.22	0
EB	.93	1.41	0
ED	.65	.85	2
CO	12.66	3.09	12
Ex	7.95	1.84	8
Art	2.90	1.55	2
Ch	4.69	2.30	4
OGS	12.29	2.66	9
L	4.50	1.70	4
R	5.20	2.68	4
IO	8.47	2.50	6

Barron-Welsh Figure Preference

16.63 13.27 25

Military Information Test

138.63 31.15 Not given

Most Least

R and R	12%	6%
Bunker	6	12
Combat	12	18
A/Pl/Sgt	12	12
Money	12	6
Army Success	0	29
Leader	0	6
Stockade	18	—

STRONG VOCATIONAL INTERESTS

Most Similar

1. Real Estate Salesman
2. Physician
3. Life Insurance Salesman
4. Mortician

Least Similar

1. City School Supt.
2. YMCA Secretary
3. Minister
4. Personnel Director

Interest Maturity 29
Occupational Level 54
Masculinity-Femininity 39.5

GOUGH ADJECTIVE CHECK LIST

Positive Choices: (total 47)

Charming
Cheerful
Pleasure-seeking
Talkative
Attractive

Negative Choices: (total 30)

Moody
Undependable
Quarrelsome
Conceited
Self-pitying

SOCN T SCORE

Self-estimate	42
Inferred Self	39

*Full titles of factors are given in Appendix A.

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CASE HISTORY NUMBER THREE: FIGHTER SAM

Vital Statistics: Negro, single, 20 years old, 6'1/2", 172 pounds,
Methodist, Private first class, 11th grade
education, Army Mental Group IV.

Description of Combat Performance:

Silver Star. He knocked out snipers and bunkers with Automatic Rifle and grenades. Item and King companies were backed up in trenches by a sniper; Sam went up and got him.

Life History and Interview:

Sam's cognitive organization was rated as high and his degree of identification with his combat unit as a little above average. During the interview he was cooperative and self-assured, neat in dress, relaxed in posture and fluent in his use of words.

Sam is the third of seven children and his father's favorite. The father was a machine operator in a textile factory at a good salary. Sam described his dad as an easy-going man who was friends with everybody and who liked to have lots of fun. Sam's mother, a very religious woman who was treasurer of a Methodist church group, was described by Sam as "always joking, never sad..I never seen her get angry." The only subject on which the parents ever disagreed was the father's indulgence of Sam. Father and son hunted and fished together; Sam's punishment always consisted of a "talking to," although the younger brother apparently was whipped upon occasion. Sam reported that he, his brother, and sisters got along "just wonderful." When asked how he felt about his parents Sam said, "I was close to my father and yet I love my mother. I would follow my father; I love my mother."

Sam left high school and enlisted in the Army two weeks before he was to graduate. He had been offered an athletic scholarship at a small southern college which his mother hoped he would accept. "She cried a little...but never persuaded me. She wanted me to make my own life." Sam's marks in school were B's; he made the football and basketball teams, had many hobbies, was a first class Boy Scout and secretary of the YMCA club. He had part-time jobs as a plasterer, truck driver, janitor, and cook. At the time of the interview his occupational goal was to own and operate a night club. He and about 5 close friends "went to night clubs, hung around bars, chased girls but never got into no trouble." He dated 4 or 5 times a week, tending to go out with several girls rather than one steadily. His health has always been excellent. He smokes rarely and drinks very little. His first sexual experience was at age 9; he has had frequent experiences since then but makes a distinction between the women you "lay" and the ones you love. He felt married men in the service should be true to their wives, especially considering the possibilities of disease and illegitimacy, but stated that since he wasn't married he couldn't judge.

When Sam was 16, his father died. His mother went to work until her health failed. Sam sends his Army pay home to help support her and the younger children. In response to a question about influences on his life, Sam replied, "My first battle. I've changed a lot since then. Before I never had killed anybody. ...I lost my buddy and that's changed me a lot. I just don't care about anything. I don't mind doing anything, anytime, anywhere. It just don't make any difference."

Summary of Test Scores:

Sam's intelligence and aptitude test scores are very low. On the sociometric questionnaire he received an almost equal number of positive and negative nominations. The adjectives he checked as self-descriptive on the Gough Adjective Check List are predominantly positive; he lacks a clear cut interest pattern on the Strong VIB; his California Public Opinion Scales are well below average. His extremely high F, Infrequency and Dissimulation scores on the MMPI and CPI suggest either falsification or chance responses to items; therefore, these test scales are suspect.

J15

STATUS: Fighter

NAME: Sam

ARMY APTITUDE TEST AND AREA SCORES

<u>Test</u>	<u>Score</u>	<u>Area</u>	<u>Score</u>
Reading Vocabulary	71	I	69
Arithmetic Reasoning	60	II	68
Pattern Analysis	76	III	66
Mechanical Aptitude	83	IV	72
Army Clerical Speed	84	V	None
Army Radio Code	Unsat	VI	77
Shop Mechanics	88	VII	82
Automotive Information	74	VIII	70
Electrical Information	120	IX	None
Radio Information	Unsat	X	None

MINNESOTA MULTIPHASIC INVENTORY SCORES

Lie	63	Leadership	56
F	125	Tolerance	62
K	64	Femininity	70
Hypochondriasis	77	Role Playing	39
Depression	82	Delinquency	64
Hysteria	76	Psychological Interest	52
Psychopathic Deviate	88	Neurodermititis	38
Masculinity-Femininity	70	Social Presence	51
Paranoia	83	Impulsivity	42
Psychasthenia	91	Dissimulation	65
Schizophrenia	107	Welsh Factor A	54
Hypomania	68	Welsh Factor R	63
Social Introversion	50	Ego Strength	29
Responsibility	54	Dependency	42
Prejudice	66	Schizo. Screening Scale	54
Social Status	63	Low Backache	69
Dominance	55	Parietal Lobe Damage	50
Social Participation	49	Caudality	64
Intellectual Efficiency	49	Originality	50
Academic Achievement	48	Graduate School Potential	61
Honor Point Ratio	61		

CALIFORNIA PSYCHOLOGICAL INVENTORY SCORES

Responsibility	27	Honor Point Ratio	19
Tolerance	17	Psychological Interest	12
Flexibility	15	Social Presence	34
Social Status	26	Impulsivity	18
Dominance	30	Self Acceptance	18
Social Participation	27	Neurodermititis	10
Femininity	15	Infrequency	9
Delinquency	21	Good Impression	30
Intellectual Efficiency	31	Dissimulation	9
Academic Achievement	28		

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J16

STATUS: Fighter

NAME: Sam

SOCIOMETRIC STATUS WITH
TESTING CENTER ASSOCIATES

TEST	F-NF MEAN	SIGMA	SCORE
<u>Henmon-Nelson Intelligence Test</u>			
	21.46	12.49	12

California Public Opinion Scales

E	51.59	20.72	22
F	49.35	19.52	29
PEC	43.45	6.48	39

Judging Personality Films

PD	16.51	4.02	18
WL	53.33	7.97	62%

Cattell 16 PF*

A	9.49	2.77	11
B	6.40	2.21	4
C	15.38	4.09	16
E	12.48	3.31	12
F	13.67	3.29	14
G	11.48	2.73	12
H	14.87	4.28	11
I	8.50	3.07	10
L	9.65	2.93	8
M	11.07	3.32	13
N	10.38	2.64	9
O	10.20	4.87	12
Q ₁	8.69	2.77	5
Q ₂	9.62	2.87	6
Q ₃	10.90	3.05	12
Q ₄	11.26	4.39	7

Inventory of Personal Philosophy*

FB	9.81	2.32	10
FD	.69	1.22	0
EB	.93	1.41	1
ED	.65	.85	0
CO	12.66	3.09	16
Ex	7.95	1.84	9
Art	2.90	1.55	2
Ch	4.69	2.30	6
OGS	12.29	2.66	11
L	4.50	1.70	3
R	5.20	2.68	6
IO	8.47	2.50	9

Barron-Welsh Figure Preference

16.63	13.27	5
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Military Information Test

138.63	31.15	121
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Most Least

R and R	19%	19%
Bunker	13	13
Combat	13	19
A/Pl/Sgt	6	6
Money	13	0
Army	6	3
Leader	0	6
Stockade	13	--

STRONG VOCATIONAL INTERESTS

Most Similar(no A ratings)

1. Office man
2. Musician
3. Senior CPA
- 4.

Least Similar

1. Forest service man
2. Purchasing Agent
3. Architect
4. Physicist

Interest Maturity 55
Occupational Level 47
Masculinity-Femininity 45

GOUGH ADJECTIVE CHECK LIST

Positive Choices: (total 33)

Cheerful
Honest
Resourceful
Forgiving
Helpful

Negative Choices: (total 3)

Self-centered
Lazy
Awkward

SOCON T SCORE

Self-estimate	49
Inferred Self	67

*Full titles of factors are given in Appendix A.

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CASE HISTORY NUMBER FOUR: NONFIGHTER HOMER

Vital Statistics: Negro, single, 19 years old, 5'8", 142 pounds,
Church of Bethlehem, Private first class, 8th
grade education, Army Mental Group V

Description of Combat Performance:

Had to fire over his head before he would fire. Bugged out during attack, said he couldn't take it any more, gone three days until picked up by MP. Too scared to go on line by self, had to be coaxed. Appears to have realized his cowardice and is trying to make up for it in reserve.

Life History and Interview:

During the interview Homer was rated as being confused, dependent, guilt-ridden, infantile, immature, and overly cooperative. He spoke hesitantly and his rate of verbal output was slow. He was considered below average in degree of cognitive organization and identification with his combat unit. The interviewer described him as having "the subservient attitude of the southern Negro."

Homer, whose father died when he was 6 months old, is 7th in a family of 11 children. His mother reportedly did not remarry; the paternity of the 4 younger children was not clarified. The family was supported by state welfare until the children were old enough to work: the three oldest girls as domestic servants, one of the brothers in a fertilizer factory. Homer quit school after the 8th grade and worked as a gasoline station attendant. The family moved frequently within the same small Alabama town; their homes were rented and consisted of two or three rooms.

When Homer was 11, he ran away from home with a friend. The boys worked on a transport truck until caught by Homer's uncle who whipped them and brought them home. Six months later they

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ran away again and spent over a month traveling around the southern and central United States. Again the uncle brought them back. When asked why he had run away, Homer replied, "Just being bad." Subsequently the friend left home by himself, stole a car and spent 18 months in reform school. Homer seems to have had a continuous association with delinquents who were about 2 years older than he: "About 5 or 6 of us would be together...skate, look for girls and things like that...I was always with a bunch of them and then I got in bad." His sex education came from his peers and personal experience; his relationships with women were apparently characterized by gross promiscuity.

Homer's mother was described as a good homemaker who wanted him to do well in school. Her only community contact was the Church of Christ which she attended twice a week. Homer went to the Church of Bethlehem for about a year and then stopped. The interviewer rated the home climate as "loving, primitive, one of upward striving," and the mother as "warm, anxious, patient, understanding." For punishment the children were usually whipped, although upon occasion they were made to clean the house or work in the garden.

The major life influence reported for Homer was the treatment accorded a Negro in the south. His occupational goal is to stay in the Army, but he indicated that if he should separate he would not under any circumstances return to Alabama. It is interesting to note that on Homer's test answer forms he twice filled in "Col" where sex designation was requested.

There are many discrepancies and contradictions in Homer's interview and life history questionnaire. For example, although he stated that his father had died during his infancy, he checked items on the questionnaire indicating that his father had been a member of a neighborhood club, active in the church, owned his own business, and participated equally with the mother on discipline matters. Furthermore, while Homer stated several times that he had never been sick a day in his life, he indicated on the questionnaire that he was bothered by kidney trouble, back pains, severe continuing headache, allergies and trembling he couldn't control. His responses in the interview gave general evidence of intellectual confusion and inability to comprehend, or at least to respond in a consistent fashion. A low level of literacy might be partially responsible for this.

Summary of Test Scores:

Although Homer's Henmon-Nelson Intelligence Test score is fairly close to the mean his Army Aptitude test and area scores are extremely low. His choices on the Gough Adjective Check List are almost all negative; his negative nominations on the sociometric questionnaire outnumber the positive.

An examination of his MMPI and CPI scales reveals extremely high F, Infrequency, and Dissimulation scores which suggest that these protocols are suspect and that Homer may be illiterate, have faked his responses, or answered in strictly random fashion. However, there is evidence that he took some of the tests in good faith; on the Personal Philosophy Inventory, for example, his scores consistently follow the mean of the population and suggest

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that he is depressed, anxious and uncommunicative. Because of the possibility of illiteracy, or at least inability to comprehend, as mentioned in the discussion of his life history, further interpretation of Homer's test scores cannot offer much of value.

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J 21

STATUS: Nonfighter

NAME: Homer

ARMY APTITUDE TEST AND AREA SCORES

<u>Test</u>	<u>Score</u>	<u>Area</u>	<u>Score</u>
Reading Vocabulary	59	I	61
Arithmetic Reasoning	57	II	62
Pattern Analysis	66	III	58
Mechanical Aptitude	67	IV	58
Army Clerical Speed	53	V	None
Army Radio Code	Unsat	VI	62
Shop Mechanics	62	VII	65
Automotive Information	65	VIII	63
Electrical Information	Unsat	IX	None
Radio Information	Unsat	X	None

MINNESOTA MULTIPHASIC INVENTORY SCORES

Lie	40	Leadership	38
F	107	Tolerance	31
K	46	Femininity	75
Hypochondriasis	66	Role Playing	42
Depression	58	Delinquency	85
Hysteria	51	Psychological Interest	52
Psychopathic Deviate	69	Neurodermititis	38
Masculinity-Femininity	65	Social Presence	48
Paranoia	95	Impulsivity	64
Psychasthenia	94	Dissimulation	78
Schizophrenia	115	Welsh Factor A	74
Hypomania	96	Welsh Factor R	50
Social Introversion	64	Ego Strength	27
Responsibility	35	Dependency	95
Prejudice	36	Schizo. Screening Scale	64
Social Status	50	Low Backache	46
Dominance	35	Parietal Lobe Damage	62
Social Participation	47	Caudality	59
Intellectual Efficiency	24	Originality	54
Academic Achievement	35	Graduate School Potential	40
Honor Point Ratio	39		

CALIFORNIA PSYCHOLOGICAL INVENTORY SCORES

Responsibility	18	Honor Point Ratio	14
Tolerance	7	Psychological Interest	9
Flexibility	3	Social Presence	30
Social Status	16	Impulsivity	33
Dominance	22	Self Acceptance	22
Social Participation	23	Neurodermititis	16
Femininity	12	Infrequency	6
Delinquency	23	Good Impression	11
Intellectual Efficiency	24	Dissimulation	25
Academic Achievement	21		

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J. 22.

STATUS: Nonfighter

NAME: Homer

TEST F-NF MEAN SIGMA SCORE

Henmon-Nelson

21.46 12.49 18

California Public Opinion

E 51.59 20.72 69
F 49.35 19.52 95
PEC 43.45 6.48 41

Judging Personality Films

PD 16.51 4.02 14
WL 53.33 7.97 54%

Cattell 16 PF*

A 9.47 2.77 6
B 6.40 2.21 5
C 15.38 4.09 13
E 12.48 3.31 11
F 13.67 3.29 8
G 11.48 2.73 17
H 14.87 4.28 15
I 8.50 3.07 12
L 9.65 2.93 8
M 11.07 3.32 15
N 10.38 2.64 7
O 10.20 4.87 14
Q₁ 8.69 2.77 13
Q₂ 9.62 2.87 11
Q₃ 10.90 3.05 7
Q₄ 11.26 4.39 19

Inventory of Personal Philosophy*

FB 9.81 2.32 10
FD .69 1.22 1
EB .93 1.41 1
ED .65 .85 0
CO 12.66 3.09 11
Ex 7.96 1.84 5
Art 2.90 1.55 5
Ch 4.69 2.30 6
OGS 12.29 2.66 8
L 4.50 1.70 3
R 5.20 2.68 8
IO 8.47 2.50 5

Barron-Welsh Figure Preference

16.63 13.27 30

Military Information Test

138.63 31.15 Not given

SOCIOMETRIC STATUS WITH
TESTING CENTER ASSOCIATES

	Most	Least
R and R	19%	38%
Bunker	19	19
Combat	6	13
A/Pl/Sgt	0	31
Money	13	25
Army	0	31
Leader	6	31
Stockade	31	—

STRONG VOCATIONAL INTERESTS

Most Similar (no A ratings)

1. Real estate salesman
2. Advertising man
3. Author journalist
- 4.

Least Similar

1. Forest service man
2. City school supt.
3. Minister
- 4.

Interest Maturity 34
Occupational Level 51
Masculinity-Femininity 43.5

GOUGH ADJECTIVE CHECK LIST

Postive Choices: (total 30)

Reliable
Healthy
Fair minded
Cheerful
Trusting

Negative Choices: (total 13)

Loud
Self-pitying
Sly
Confused
Worrying

SOCON T SCORE

Self-estimate 41
Inferred-self 38

*Full titles of factors are given in Appendix A