

Appendix N

Analysis of Covariance Test Results

Table N1: Main And Interaction Effects For A Three Way 6 X 3 X 2 Design Factorial ANCOVA of Mean Grade With Mean ASVAB As The Covariate

Tests of Between-Subjects Effects

Dependent Variable: MEANGRAD

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Noncent. Parameter	Observed Power ^a
Corrected Model	255.007 ^b	36	7.084	4.860	.000	174.975	1.000
Intercept	6.993E-02	1	6.993E-02	.048	.827	.048	.056
ASVAB	25.762	1	25.762	17.677	.000	17.677	.987
CSEGRP	32.520	5	6.504	4.463	.000	22.314	.971
TYPECAT	10.531	2	5.265	3.613	.027	7.226	.669
MODE	95.709	1	95.709	65.672	.000	65.672	1.000
CSEGRP * TYPECAT	6.365	10	.637	.437	.929	4.368	.232
CSEGRP * MODE	6.145	5	1.229	.843	.519	4.216	.306
TYPECAT * MODE	.434	2	.217	.149	.862	.298	.073
CSEGRP * TYPECAT * MODE	11.220	10	1.122	.770	.658	7.699	.415
Error	1805.708	1239	1.457				
Total	7112.769	1276					
Corrected Total	2060.715	1275					

a. Computed using alpha = .05

b. R Squared = .124 (Adjusted R Squared = .098)