

TABLE 14.20 The Output Table for SPSS

The first four rows and the last row circled here provide a summary for the two-way between-subjects ANOVA that is similar to the ANOVA table given in Table 14.13.

Tests of Between-Subjects Effects

Dependent Variable: times

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Noncent. Parameter	Observed Power ^b
Corrected Model	204.000 ^a	5	40.800	8.160	.000	40.800	.998
Intercept	3600.000	1	3600.000	720.000	.000	720.000	1.000
buffet	.000	1	.000	.000	1.000	.000	.050
exposure	150.000	2	75.000	15.000	.000	30.000	.998
buffet * exposure	54.000	2	27.000	5.400	.010	10.800	.805
Error	150.000	30	5.000				
Total	3954.000	36					
Corrected Total	354.000	35					

a. R Squared = .576 (Adjusted R Squared = .506)

b. Computed using alpha = .05