

**Figure 11.5** SPSS Screenshot of ANOVA Source Table

## Post Hoc Tests

### Tests of Between-Subjects Effects

Dependent Variable: Depression\_Score

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Corrected Model	252.778 <sup>a</sup>	2	126.389	6.139	.011	.450
Intercept	3173.389	1	3173.389	154.131	.000	.911
Treatment	252.778	2	126.389	6.139	.011	.450
Error	308.833	15	20.589			
Total	3735.000	18				
Corrected Total	561.611	17				

a. R Squared = .450 (Adjusted R Squared = .377)

**Source:**  
Displays the sources of variability in the ANOVA analysis. Only three of the sources are important: **Treatment**, **Error**, and **Corrected Total**  
**Treatment + Error = Corrected Total**

**Type III Sum of Squares:**  
Displays the SS for the **Treatment** (Between Treatment), **Error** (Within Treatments), and **Corrected Total** (Total)

**df:**  
Displays the *df* for the **Treatment**, **Error** and **Corrected Total**

**Mean Square:**  
Displays the *MS* for the **Treatment** and **Error**

**F:**  
*F* value; computed as  $\frac{MS_{\text{Treatment}}}{MS_{\text{Error}}}$

**Sig.:**  
The *p* value; reject  $H_0$  if this value (*p* value) is less than  $\alpha$

**Partial Eta Squared:**  
this is  $\eta_p^2$  or effect size